

FIG.1A

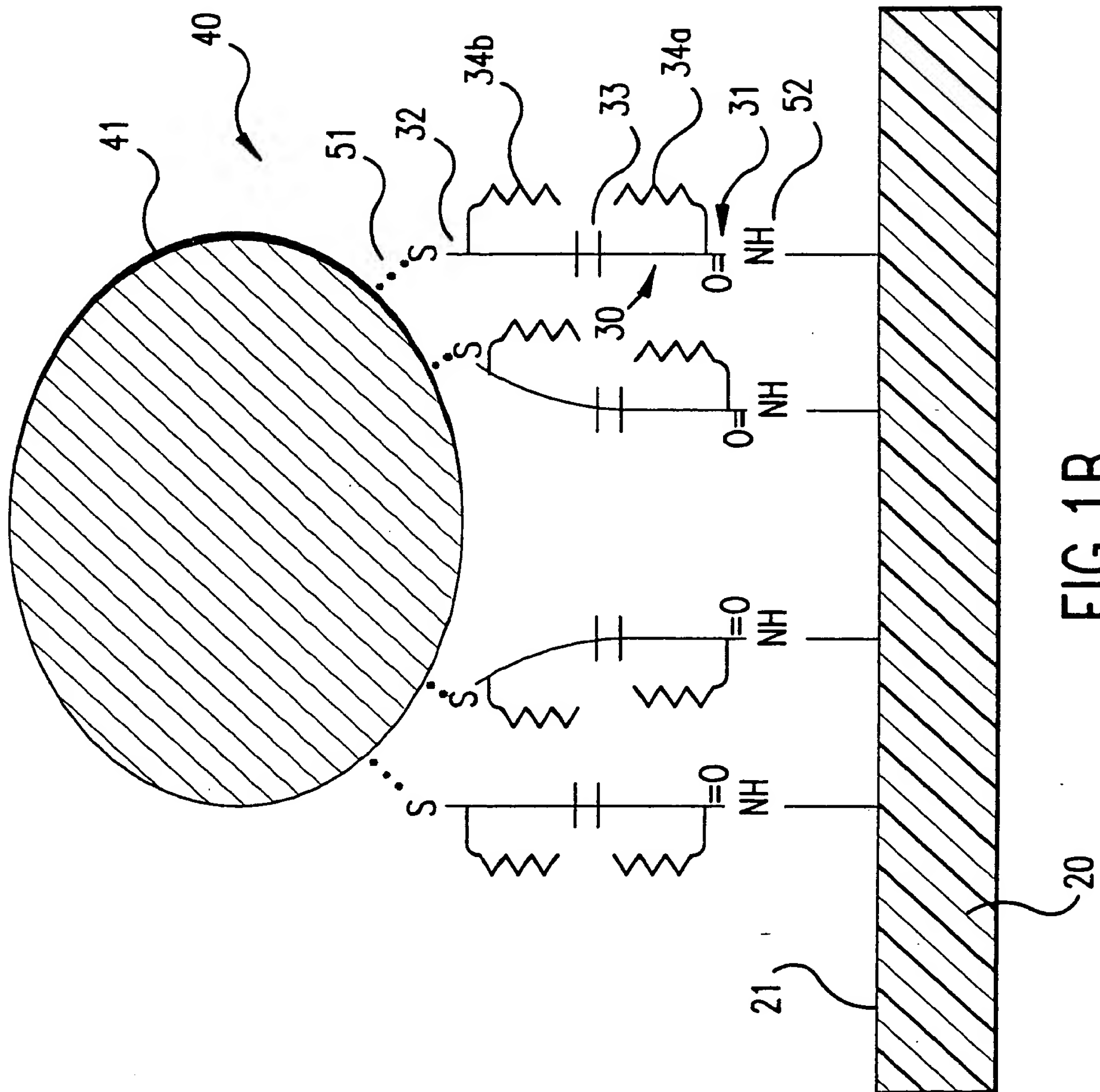


FIG.1B

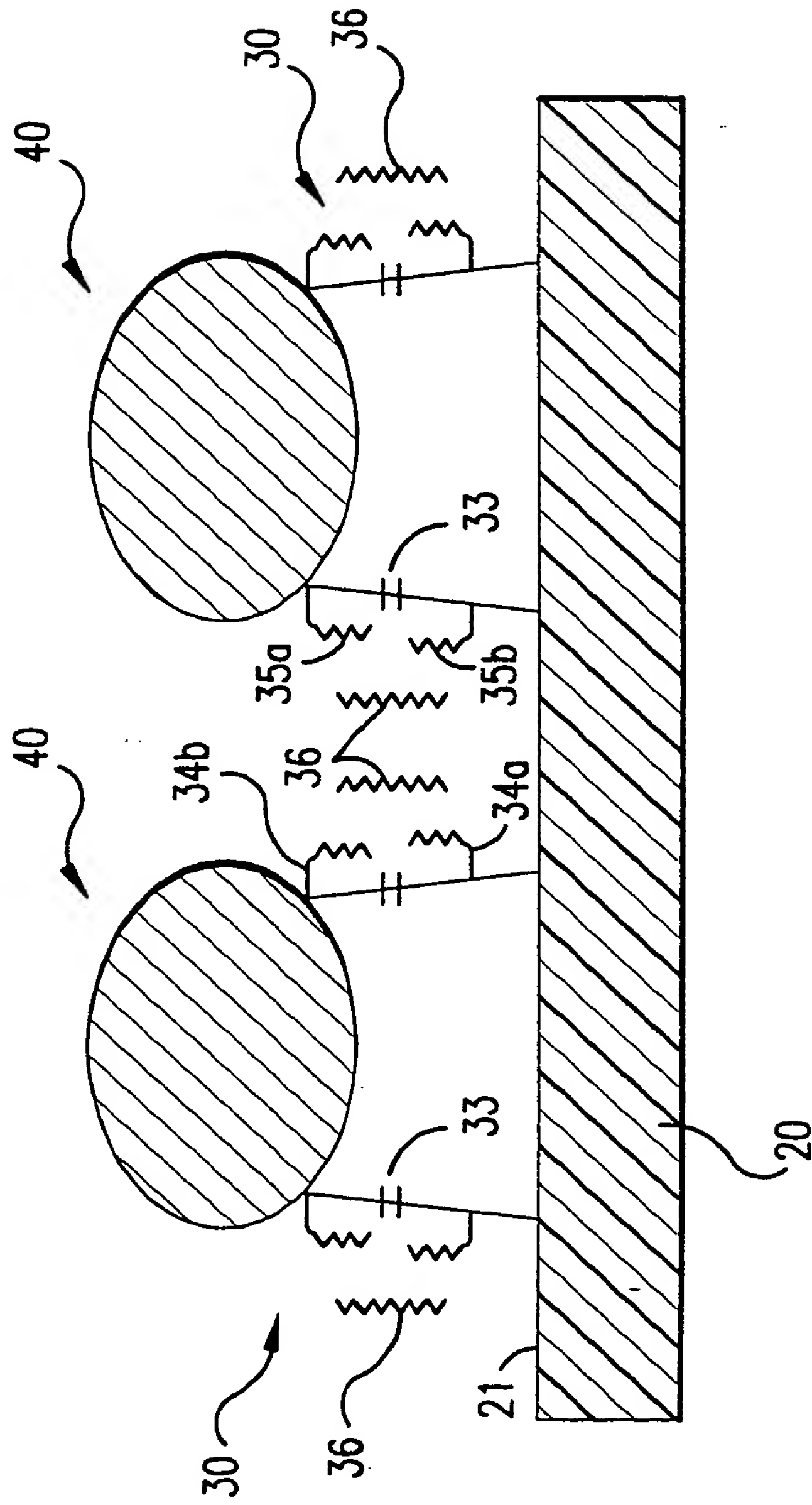


FIG. 2A

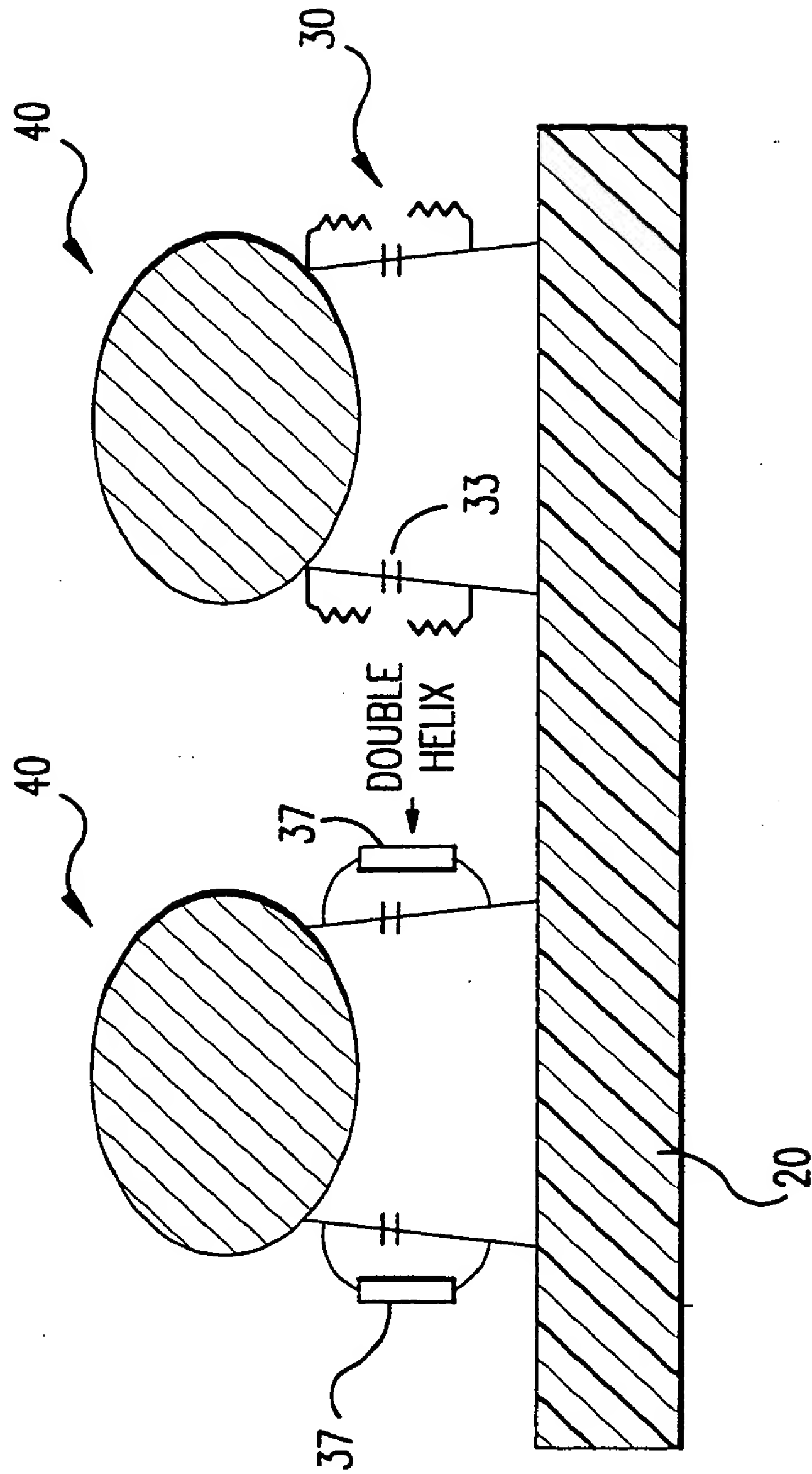


FIG.2B

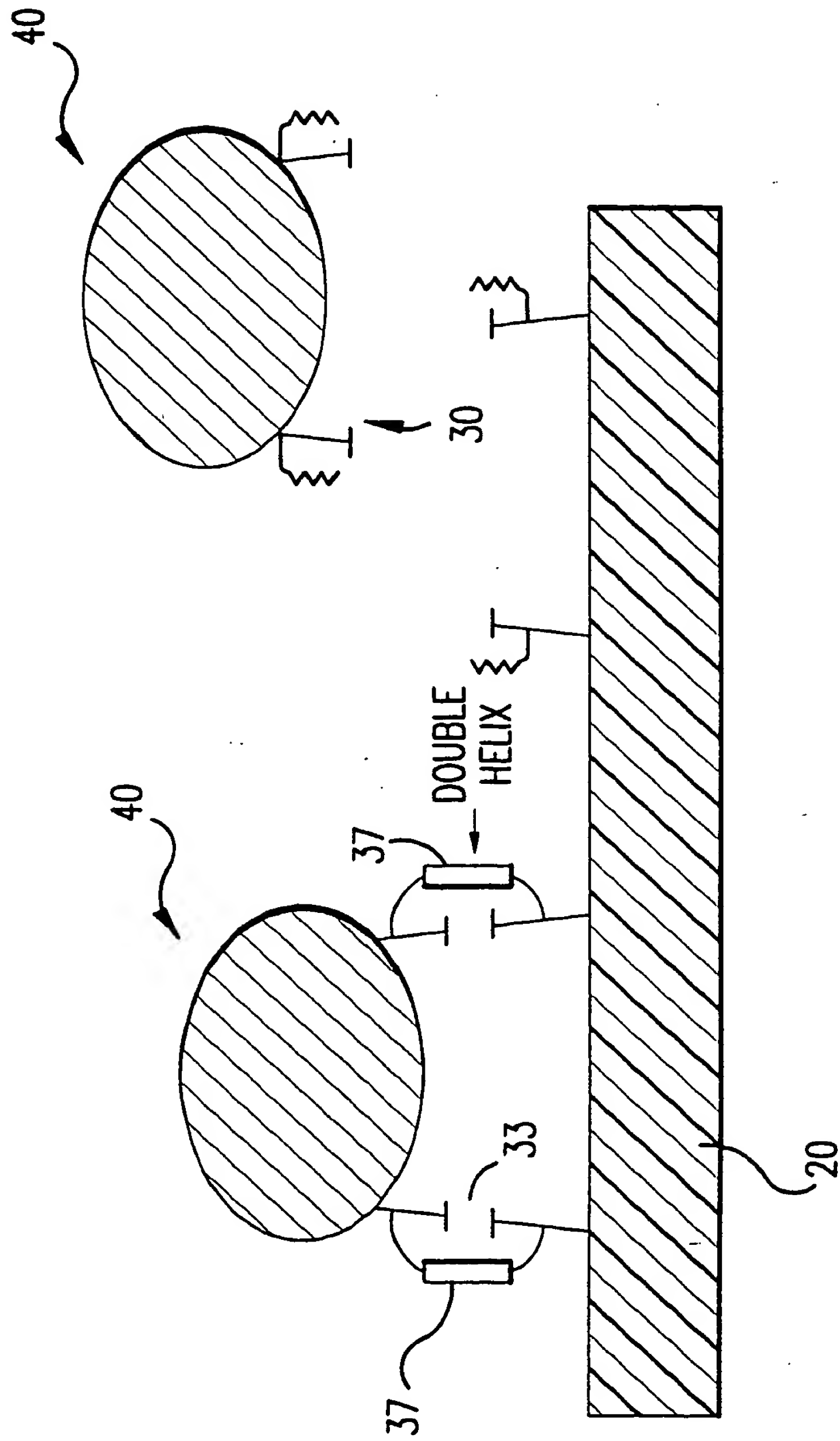


FIG.2C

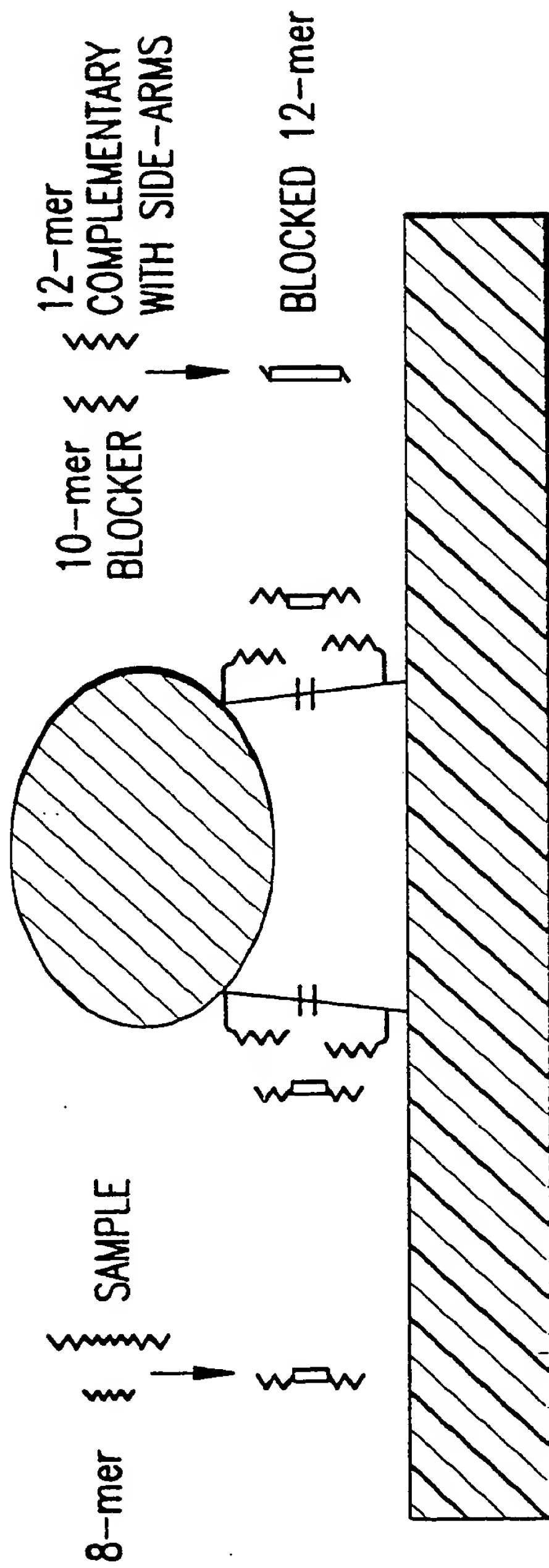


FIG.2D

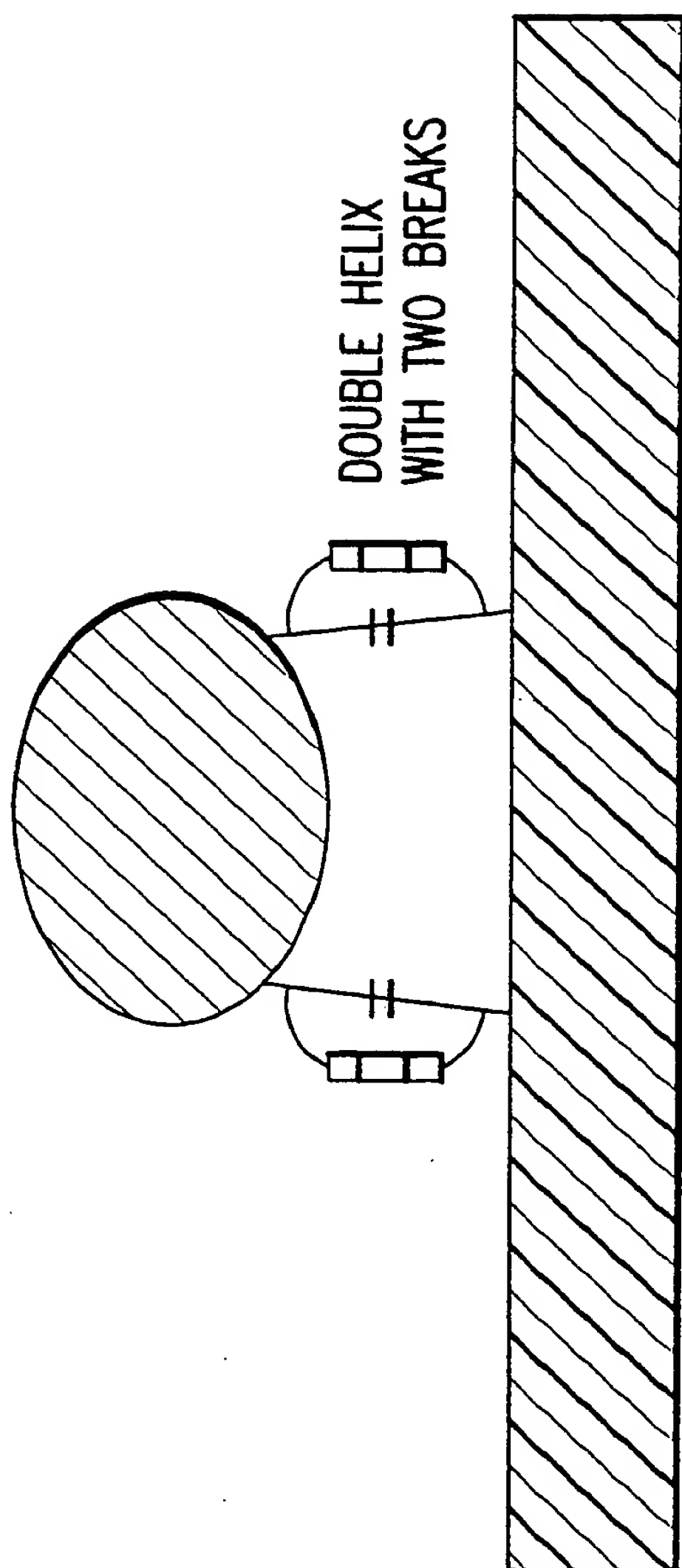


FIG.2E

LIGASE

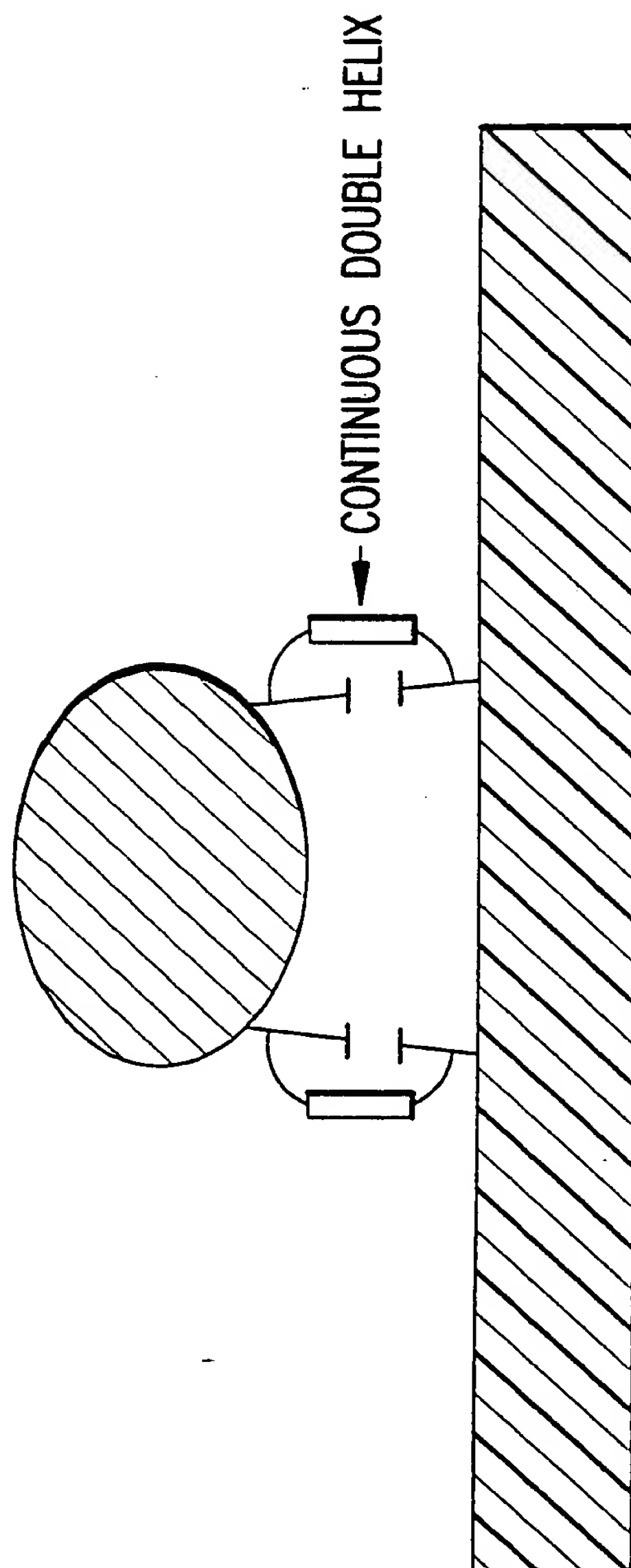


FIG.2F

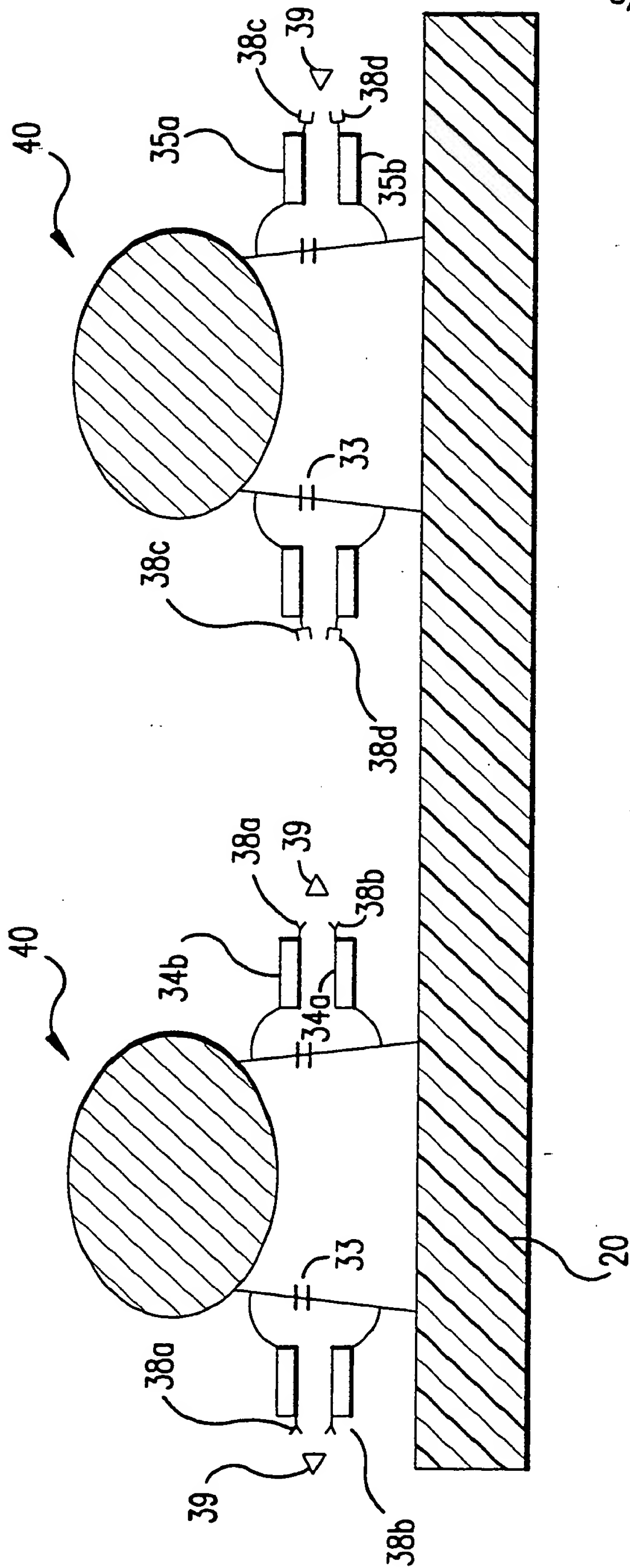


FIG. 3A



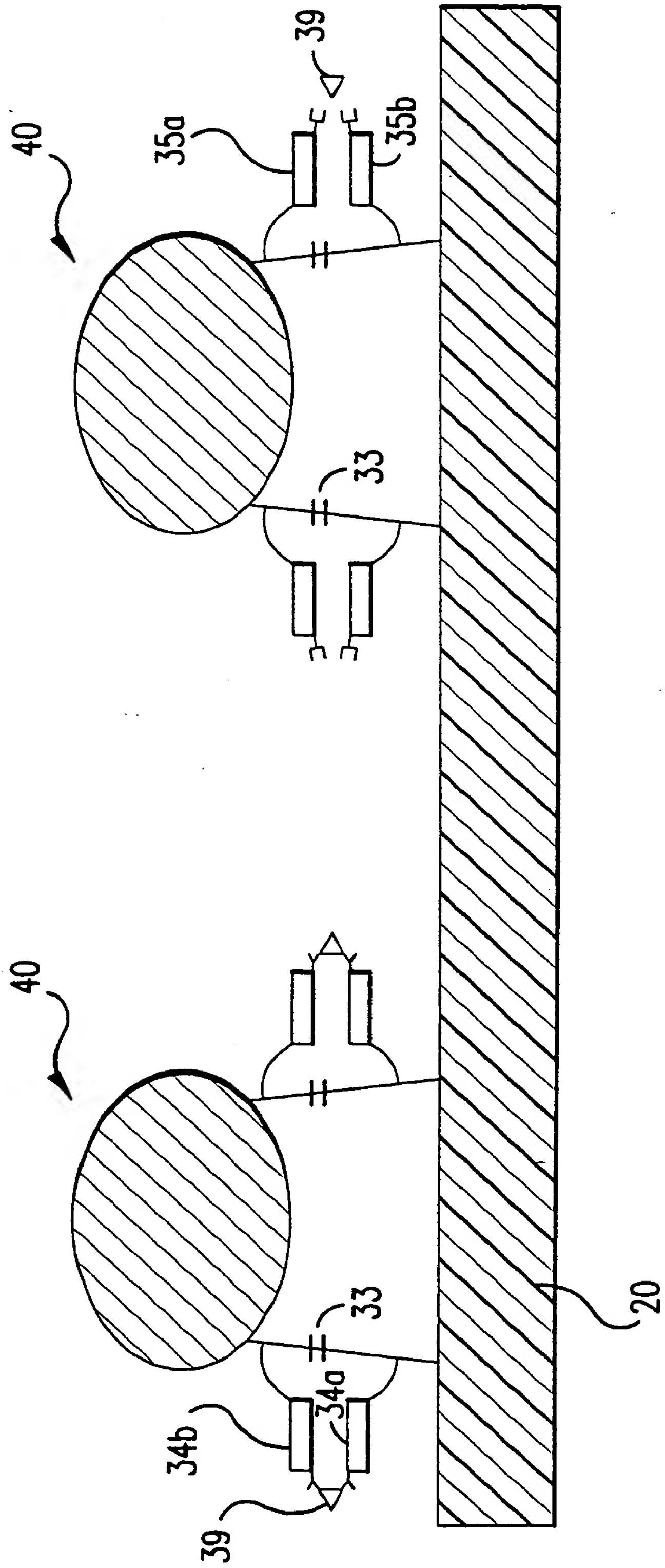


FIG. 3B

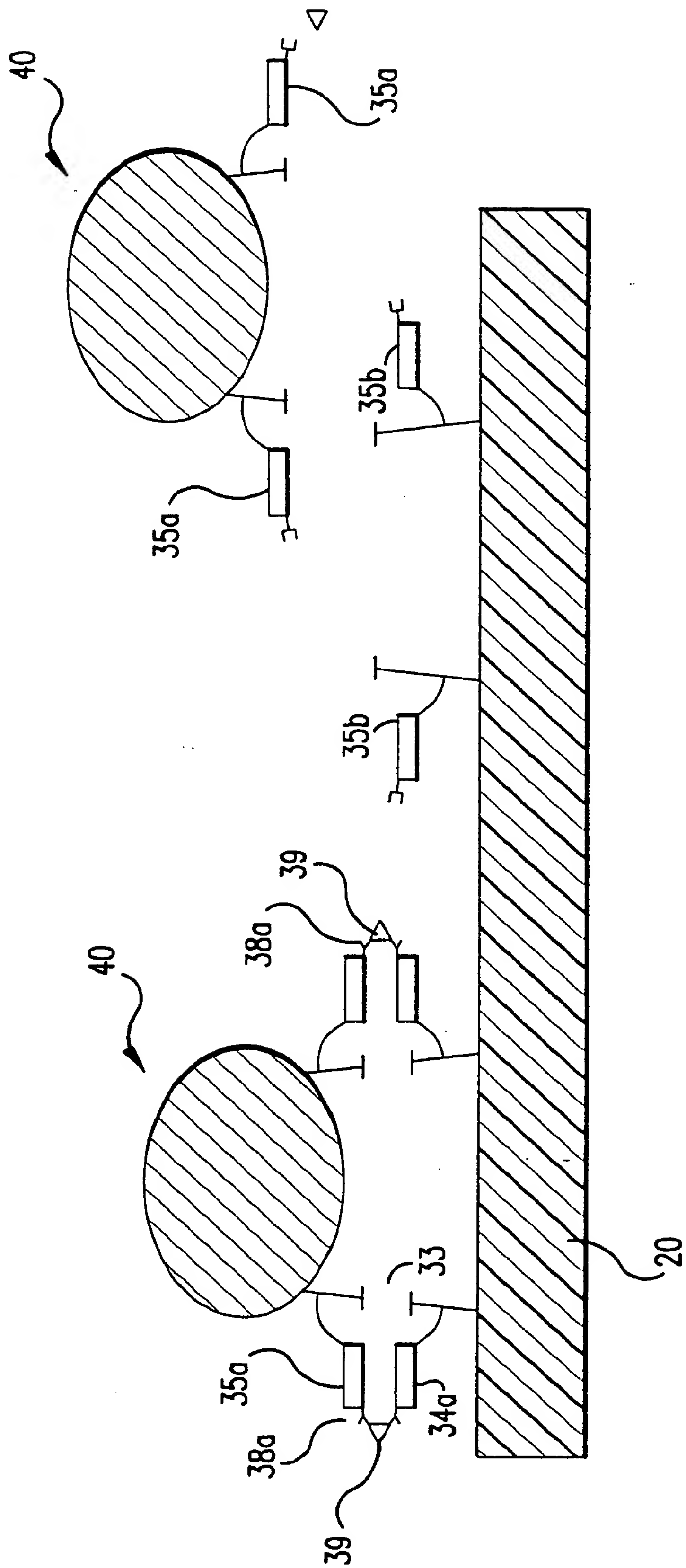


FIG. 3C

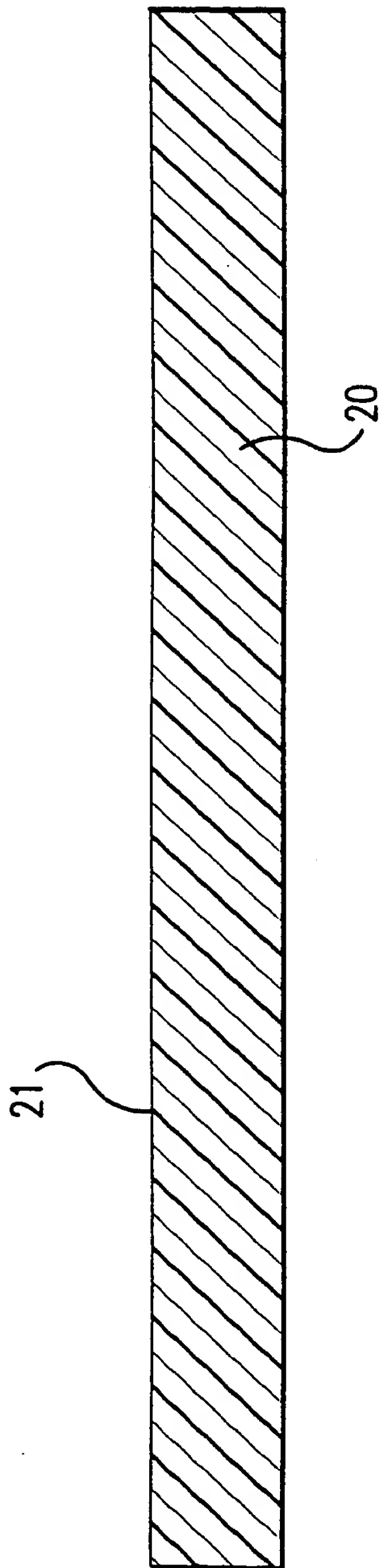


FIG. 4A

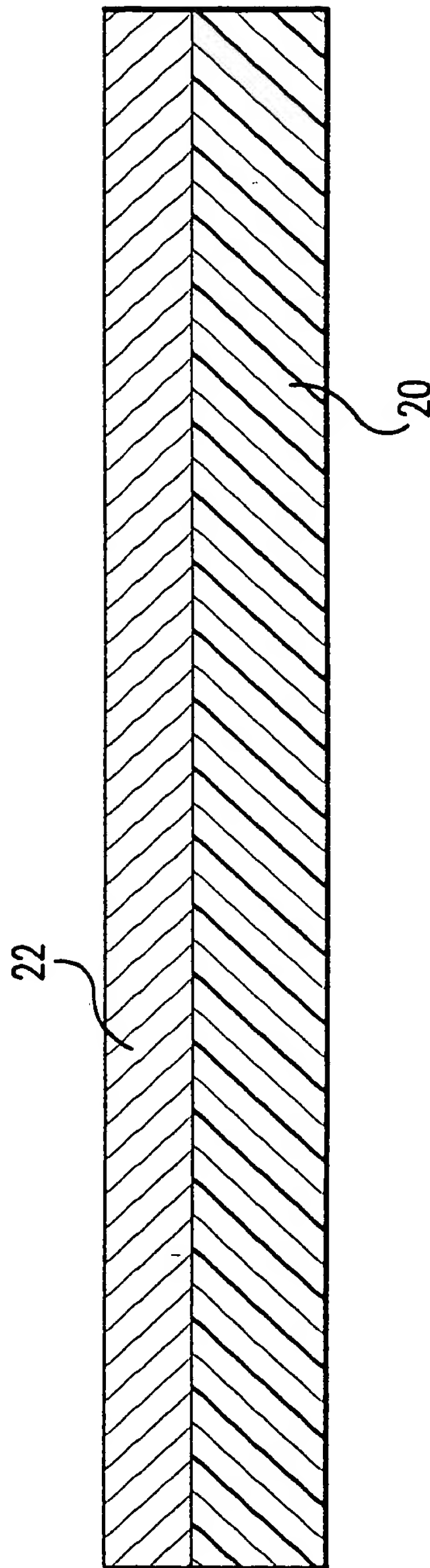


FIG. 4B

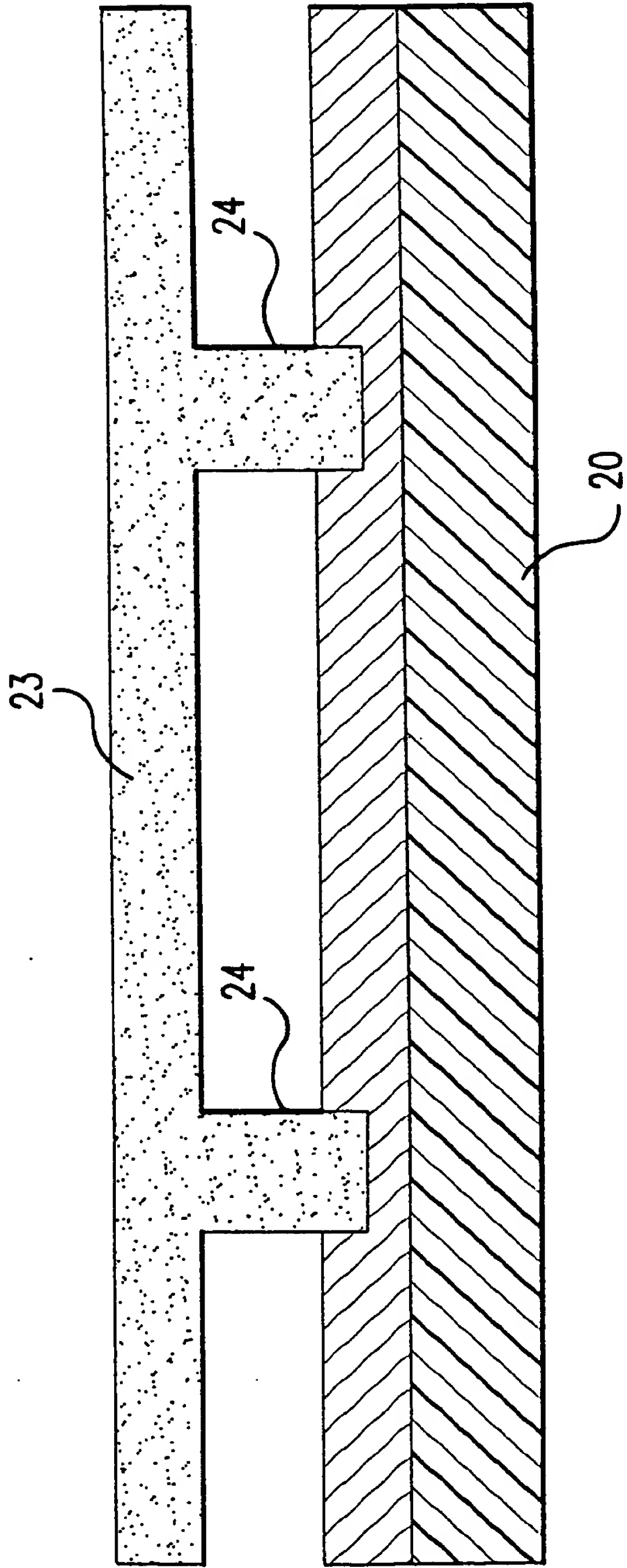


FIG. 4C

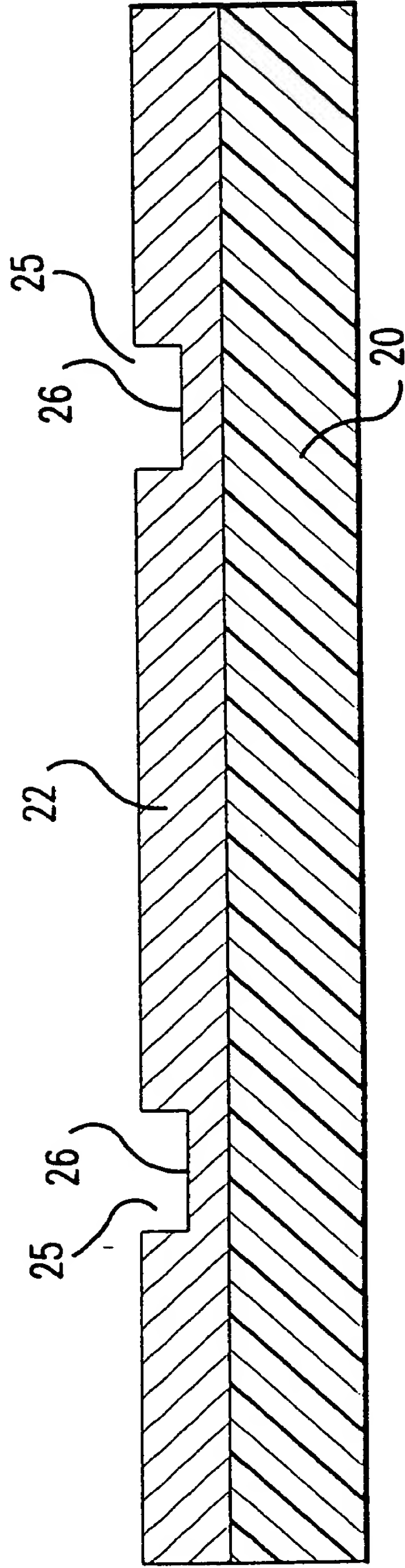


FIG. 4D

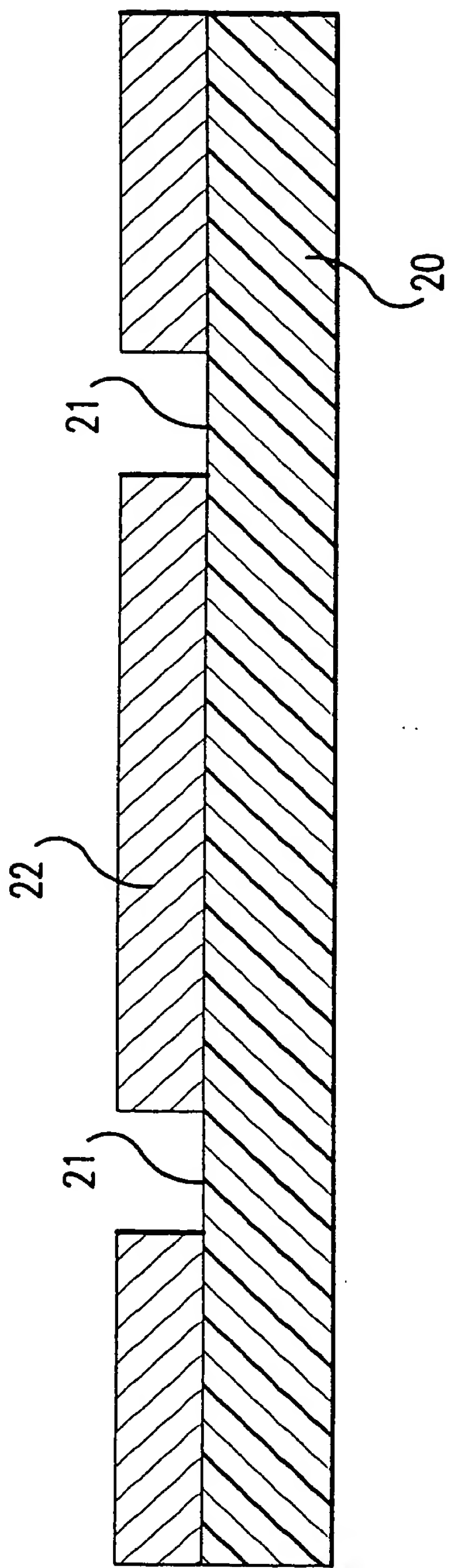


FIG. 4E

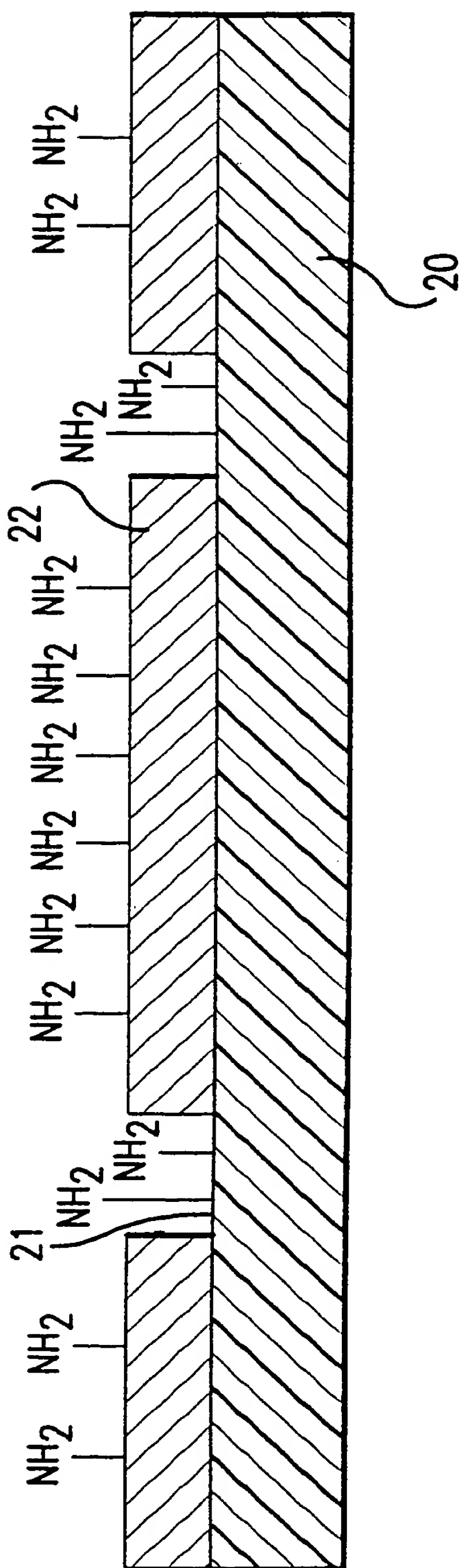


FIG. 4F

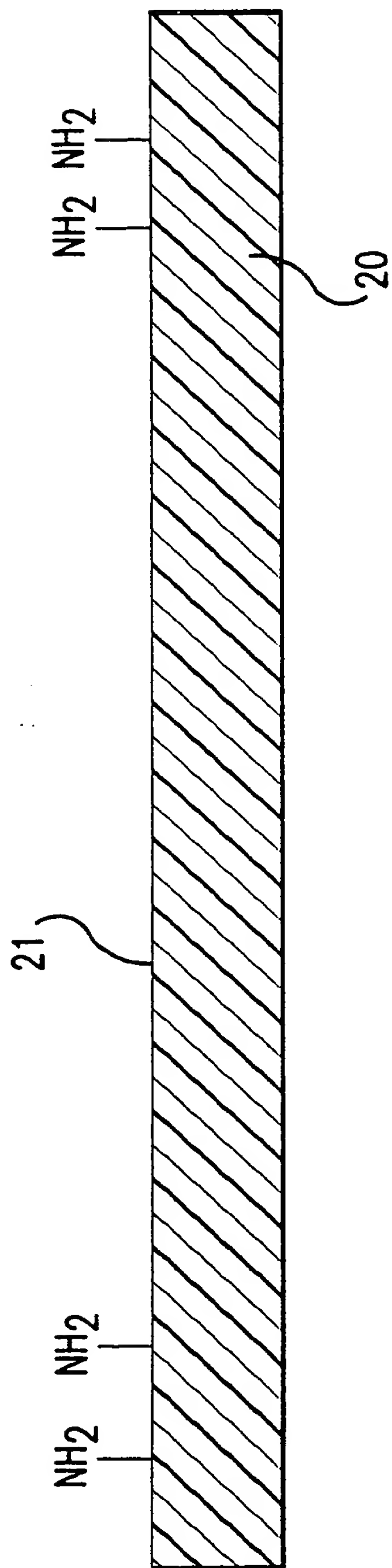


FIG. 4G

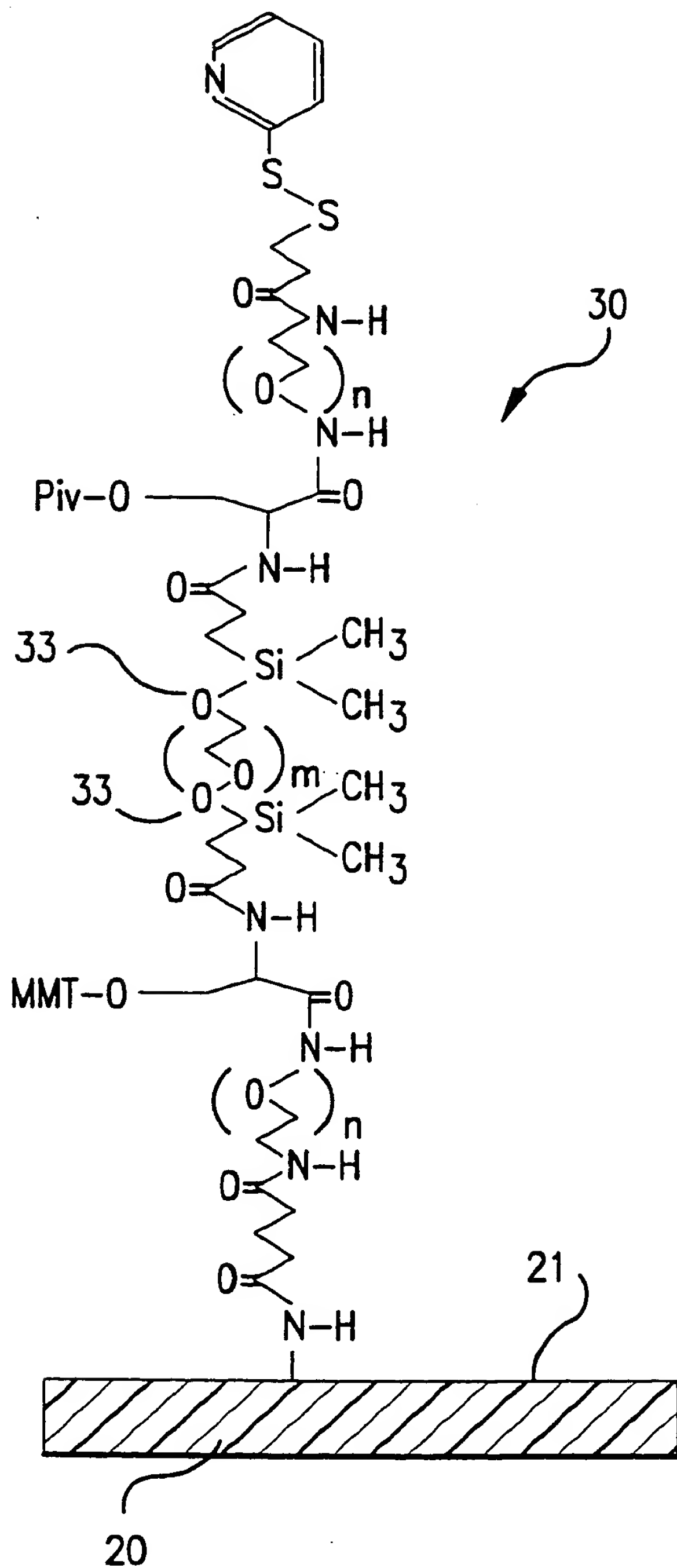


FIG.5

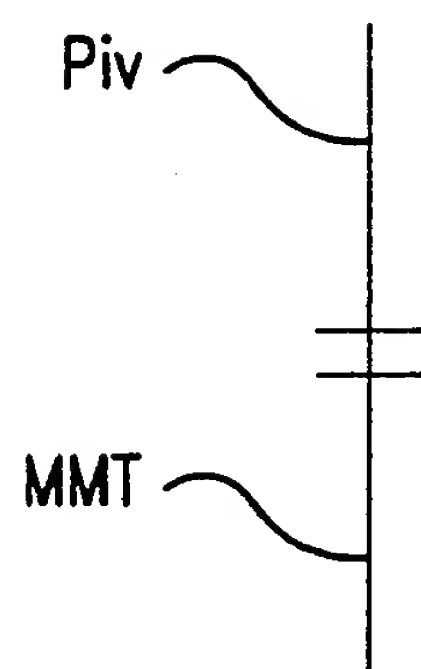


FIG.6

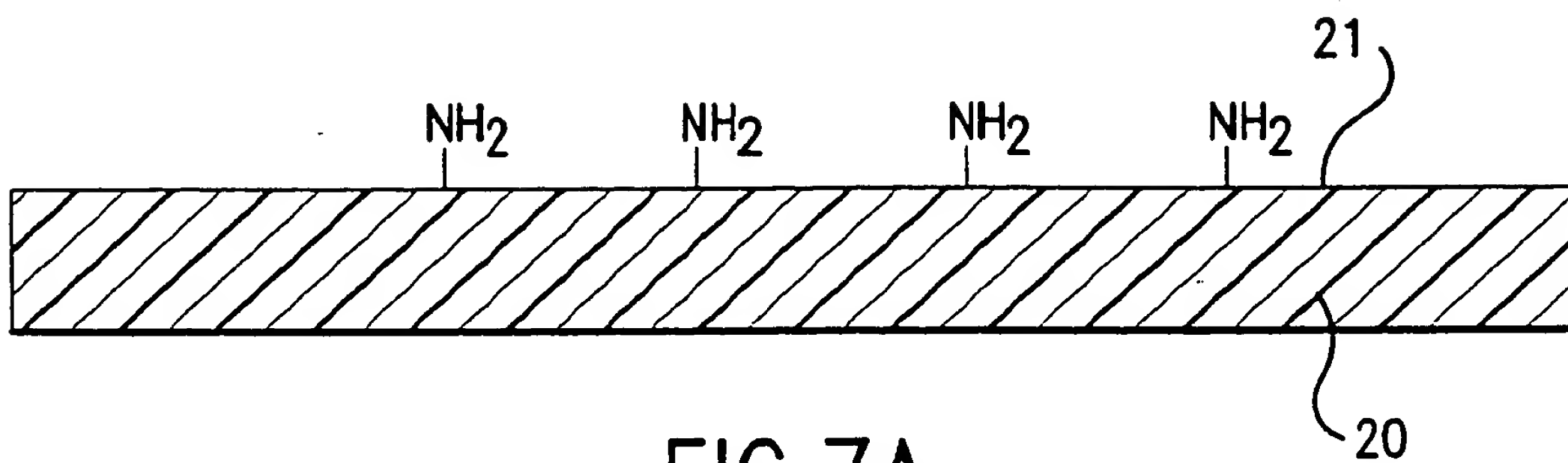


FIG. 7A

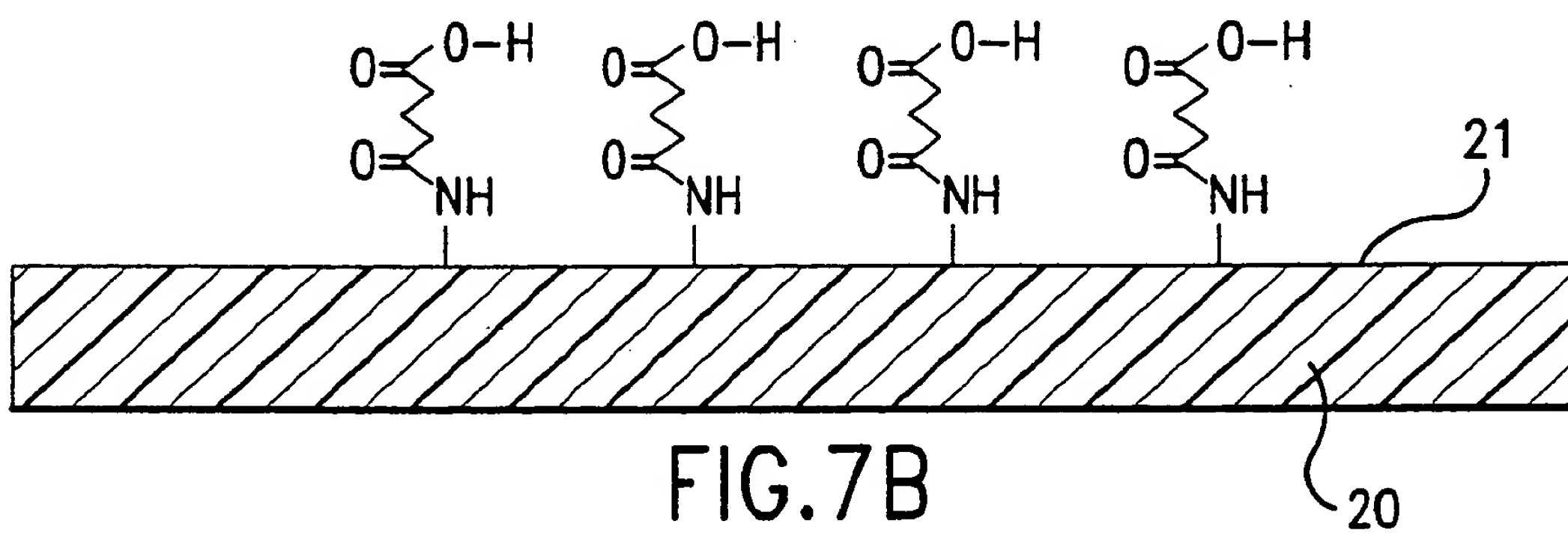


FIG. 7B

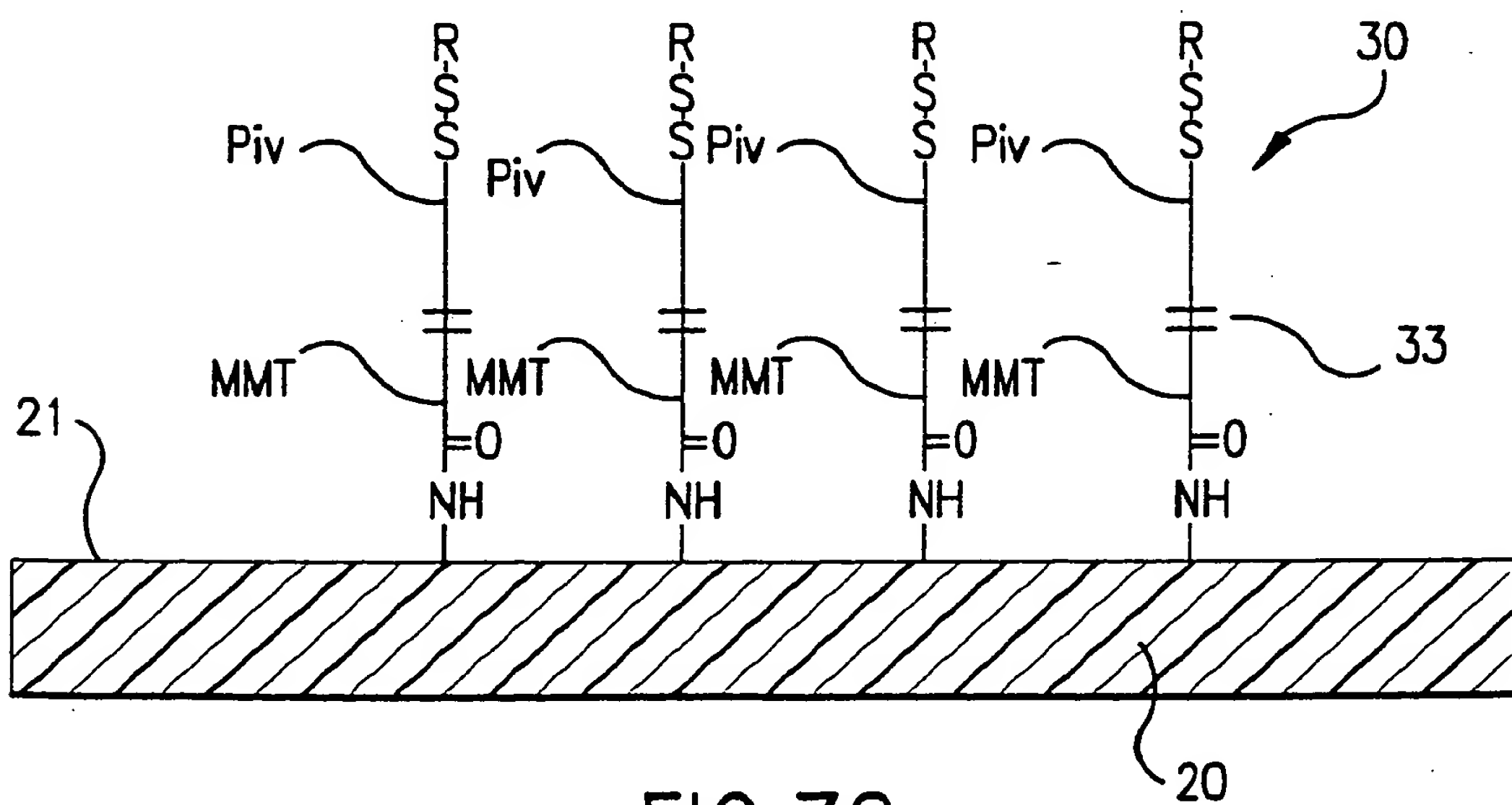


FIG. 7C



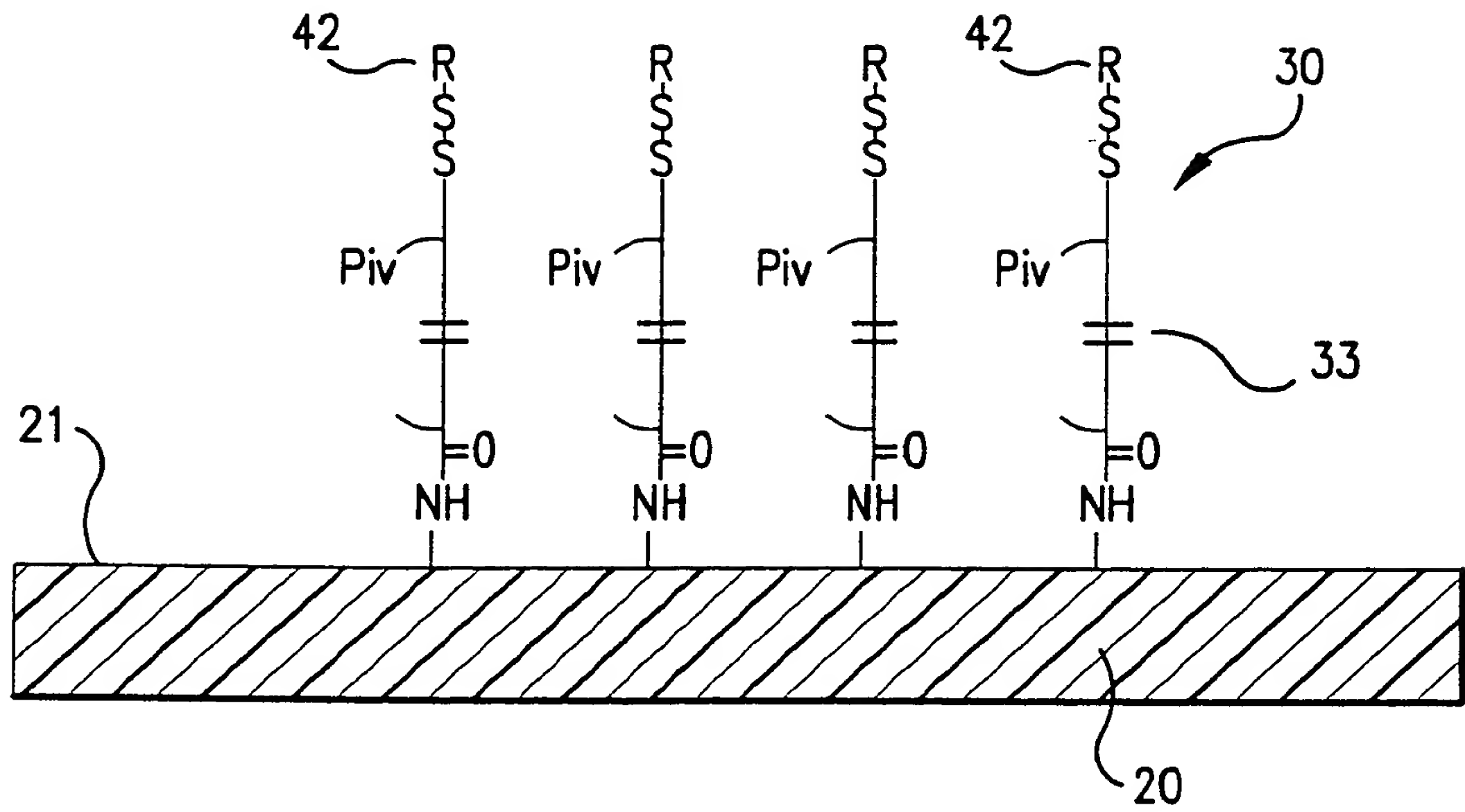


FIG. 8A

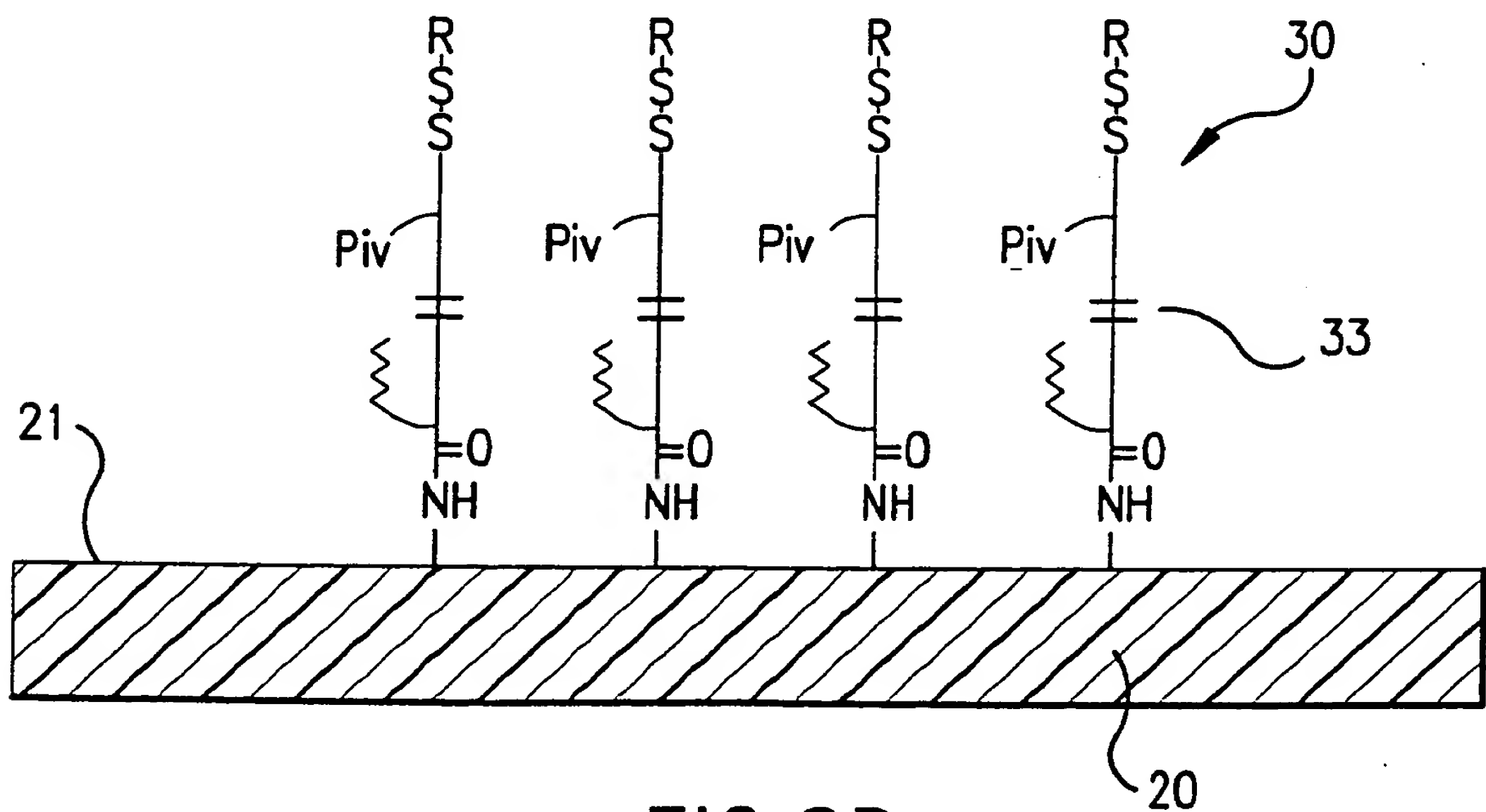


FIG. 8B

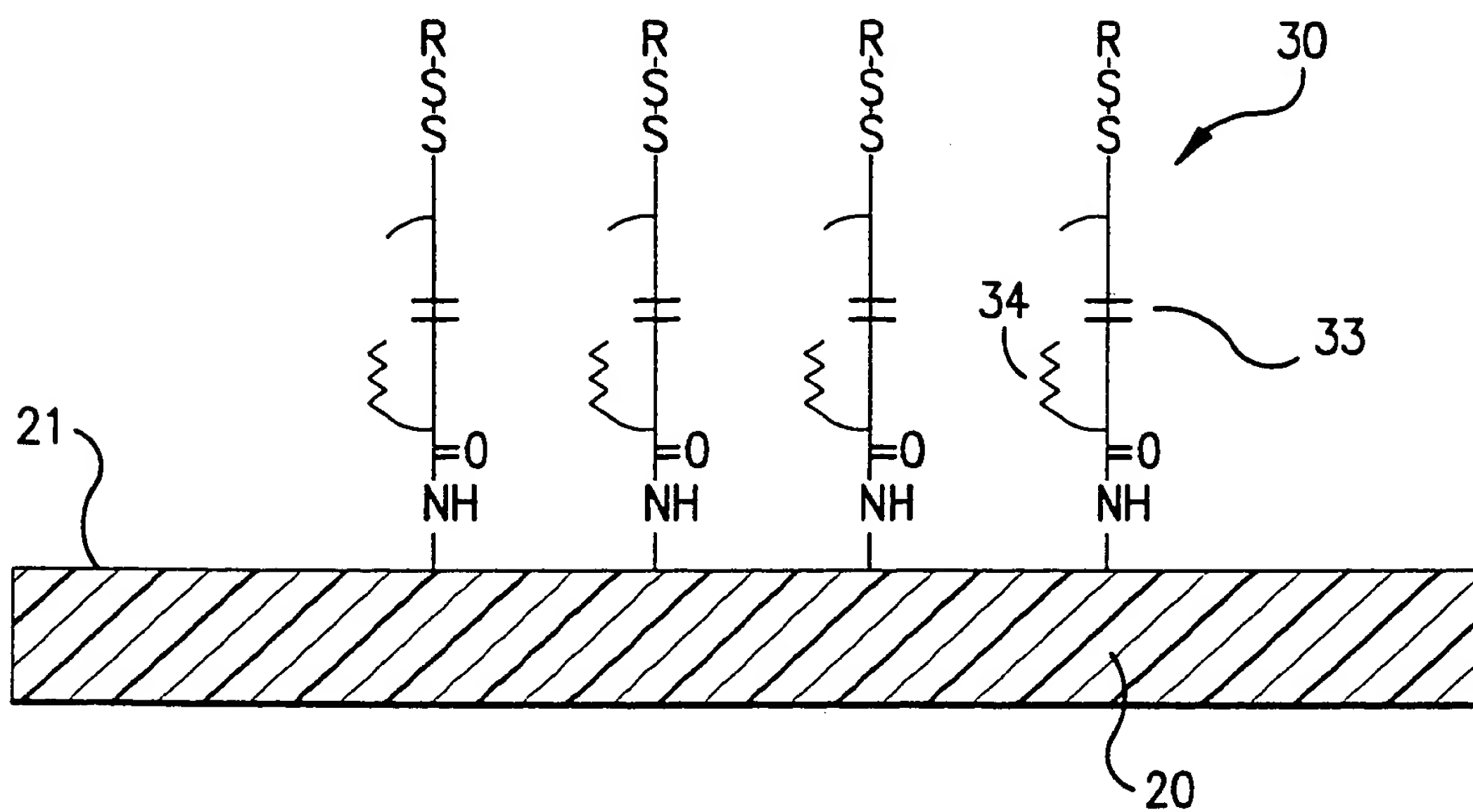


FIG. 9A

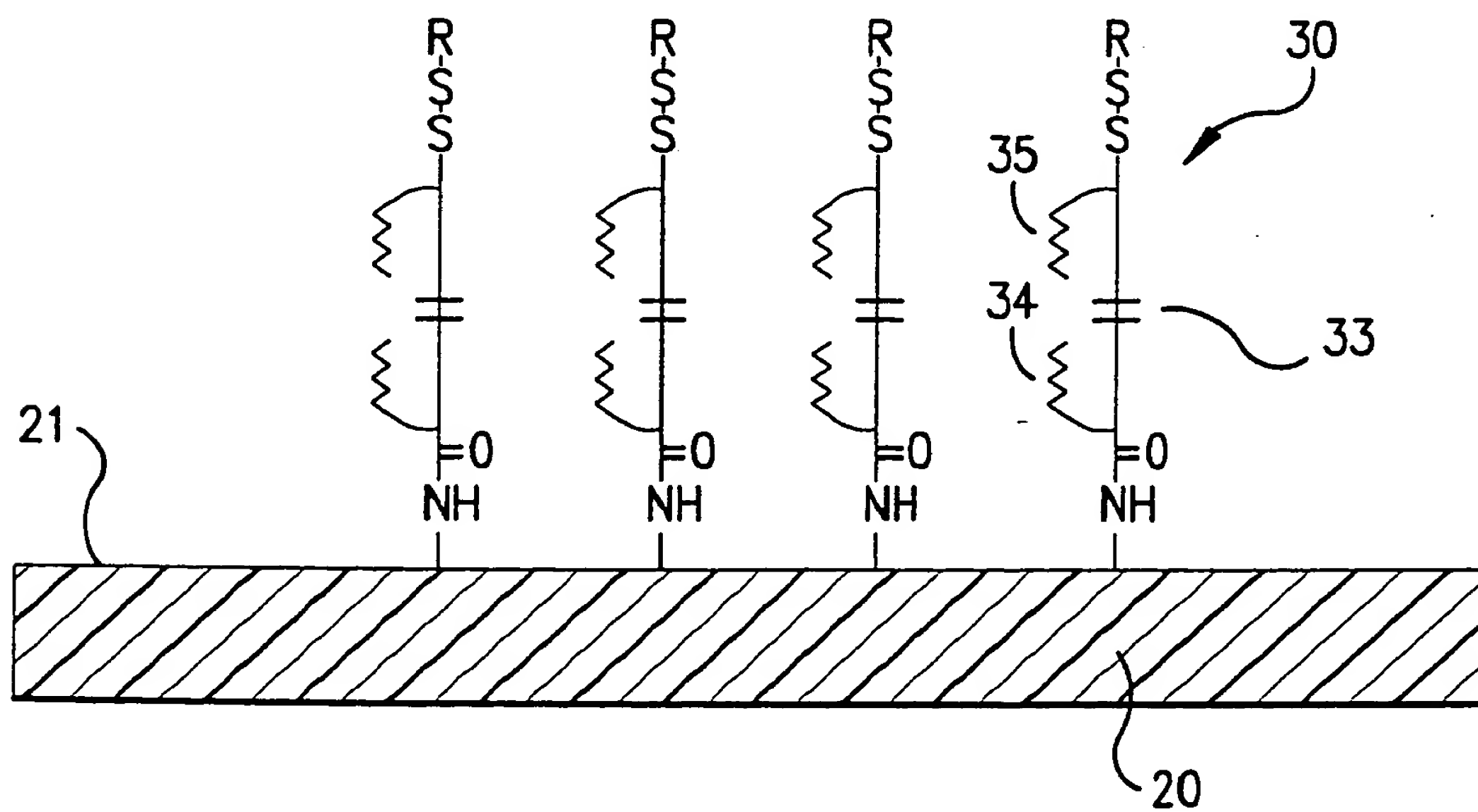


FIG. 9B

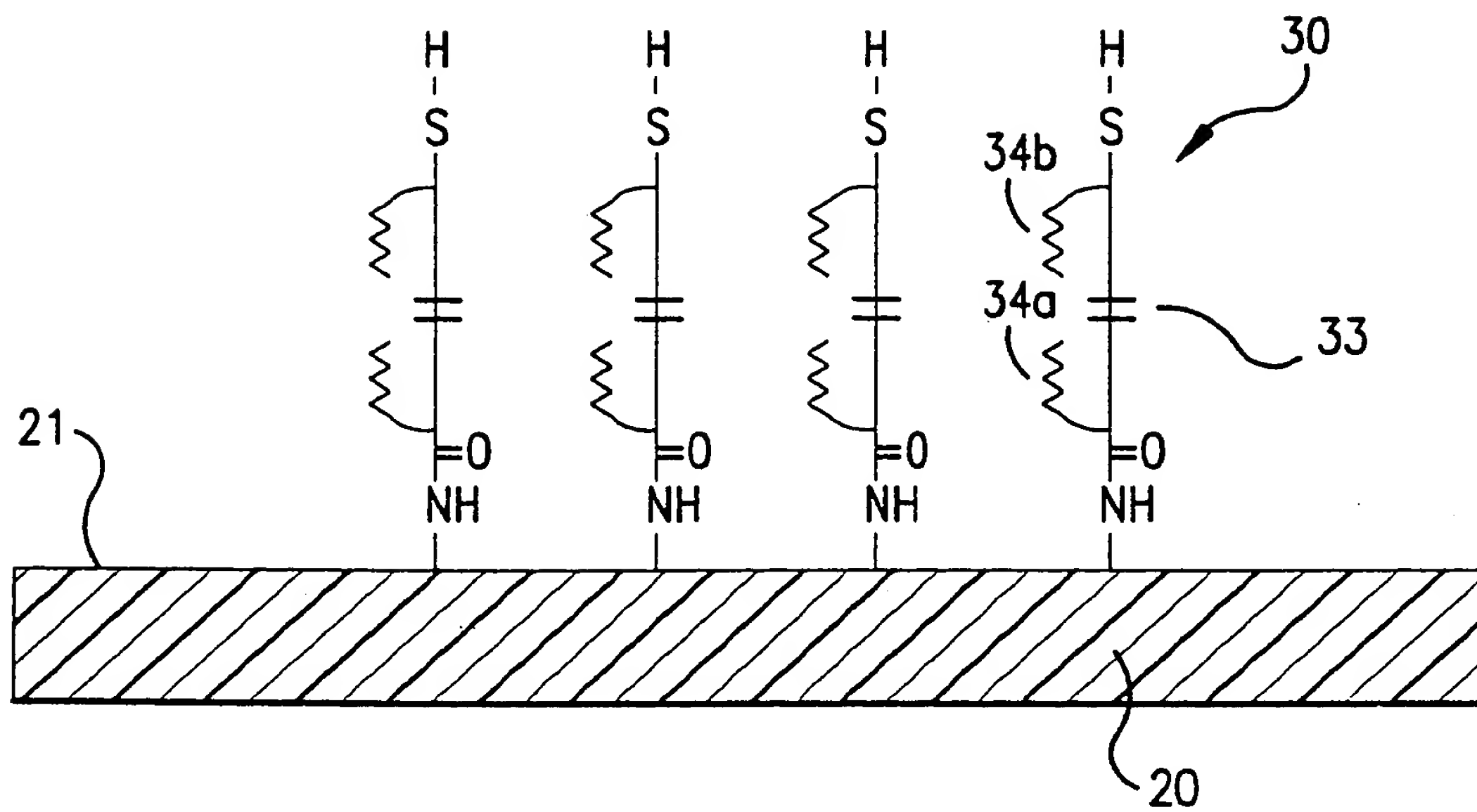


FIG.10A

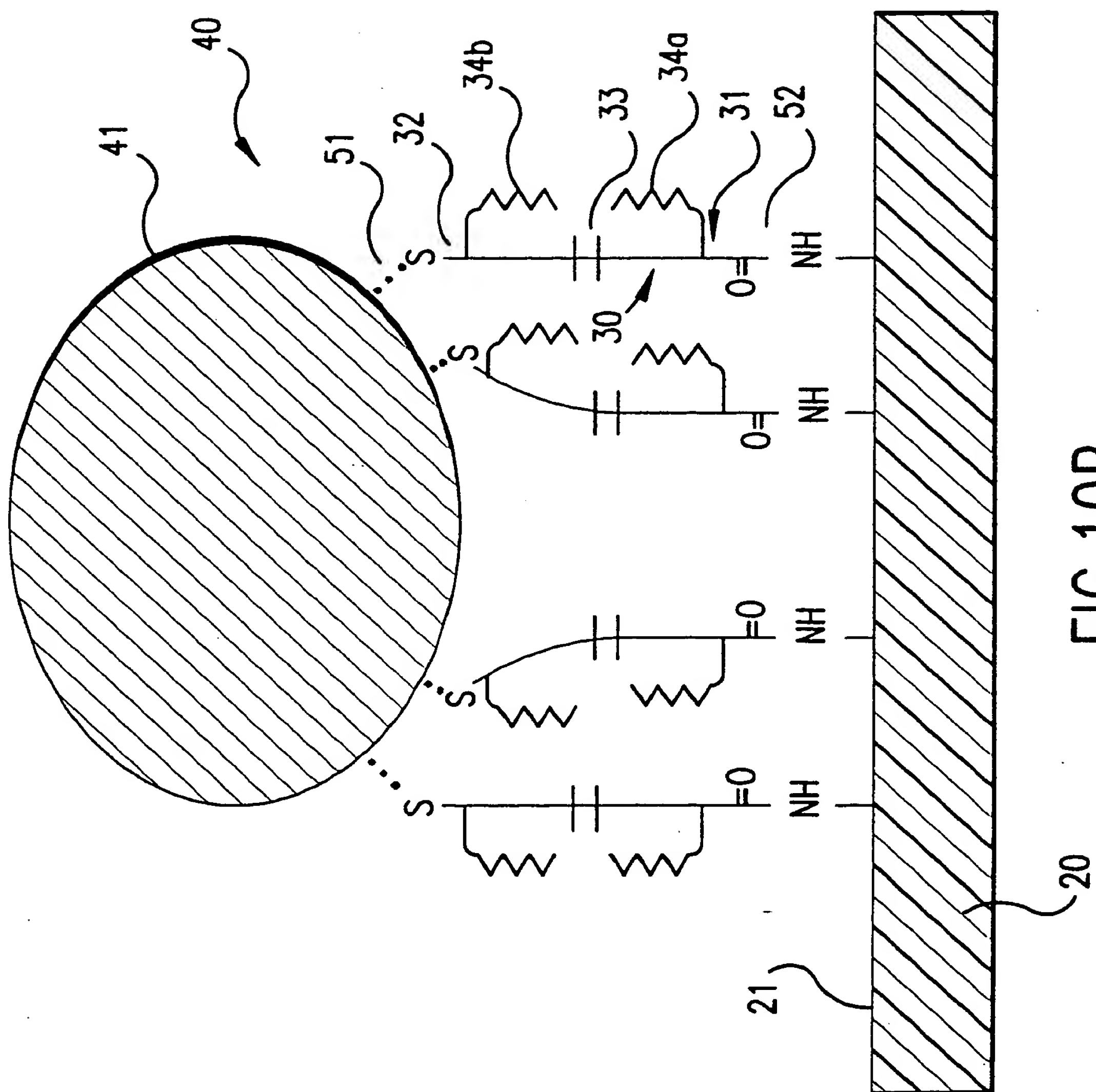


FIG. 10B

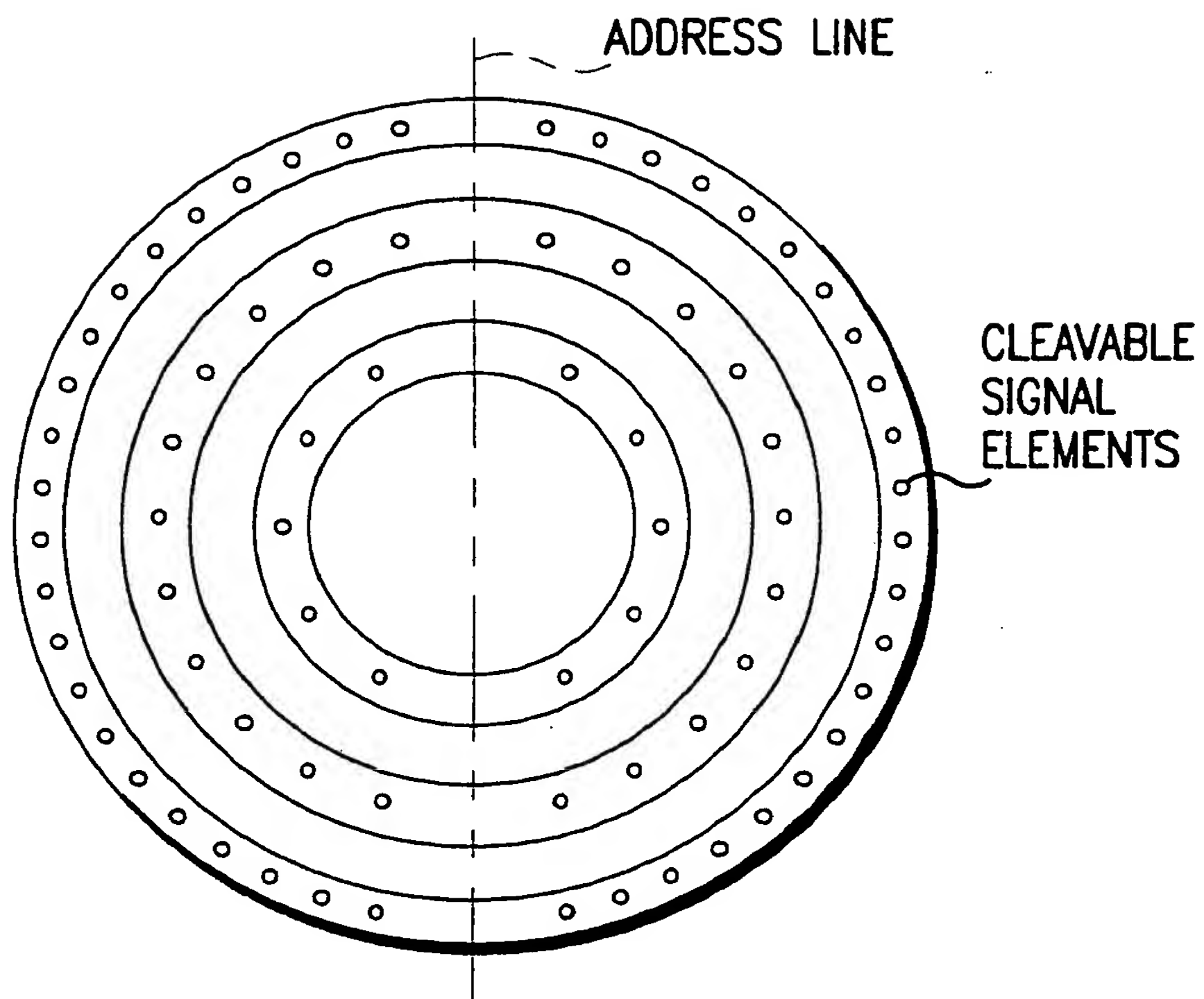


FIG.11A

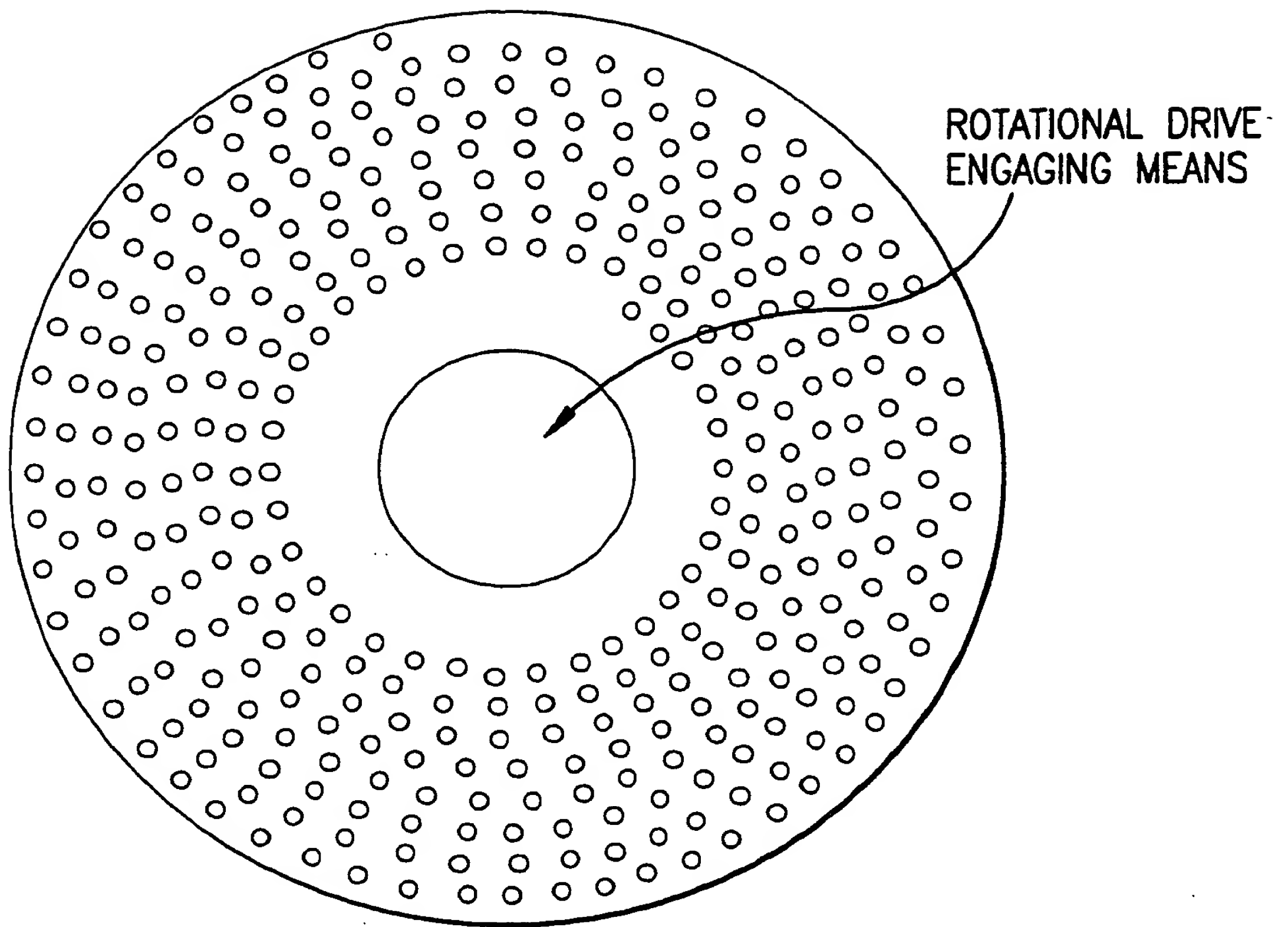
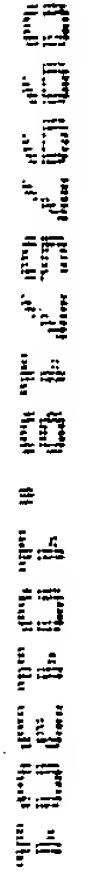


FIG.11B



SECRET

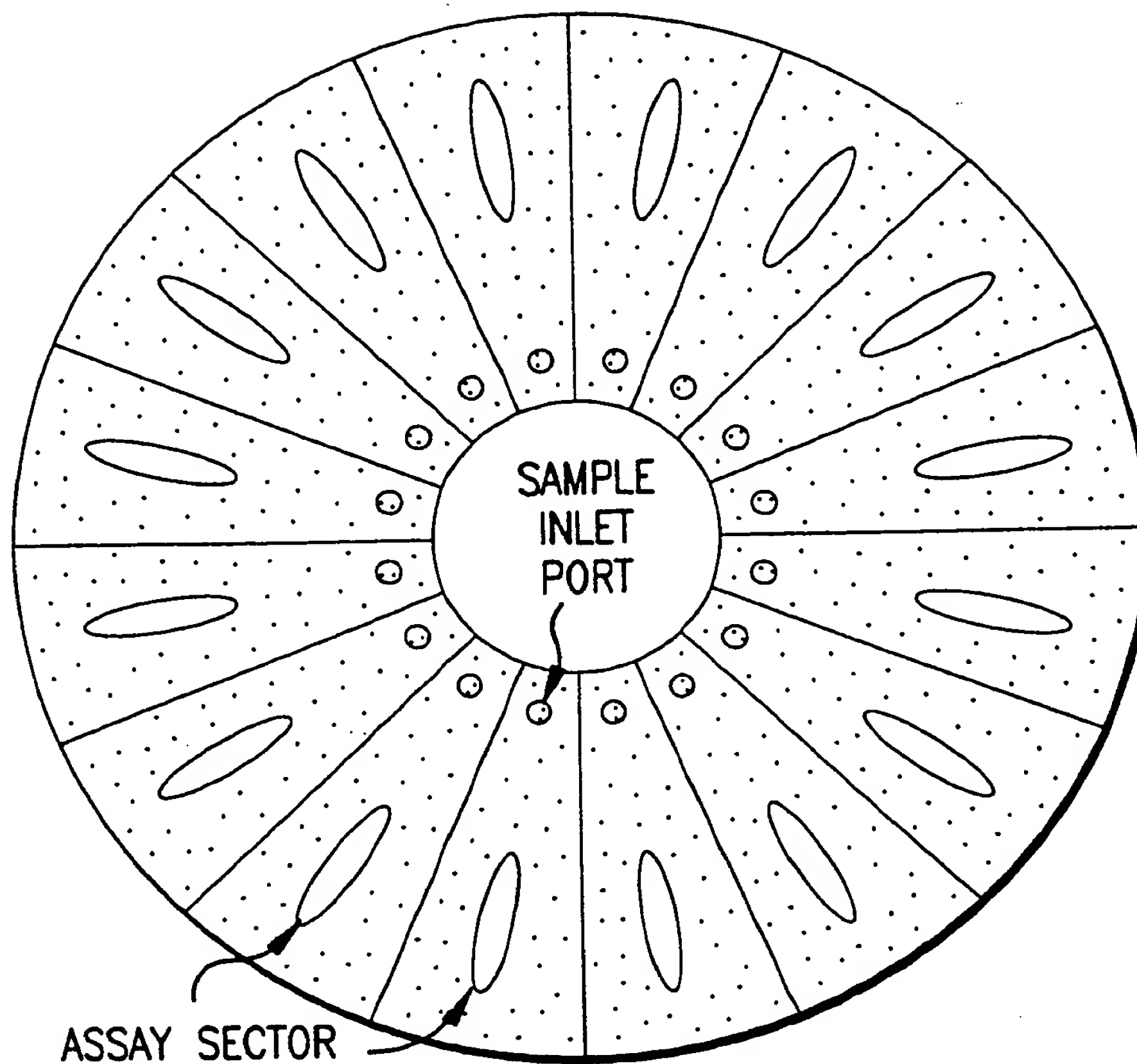


FIG.11D



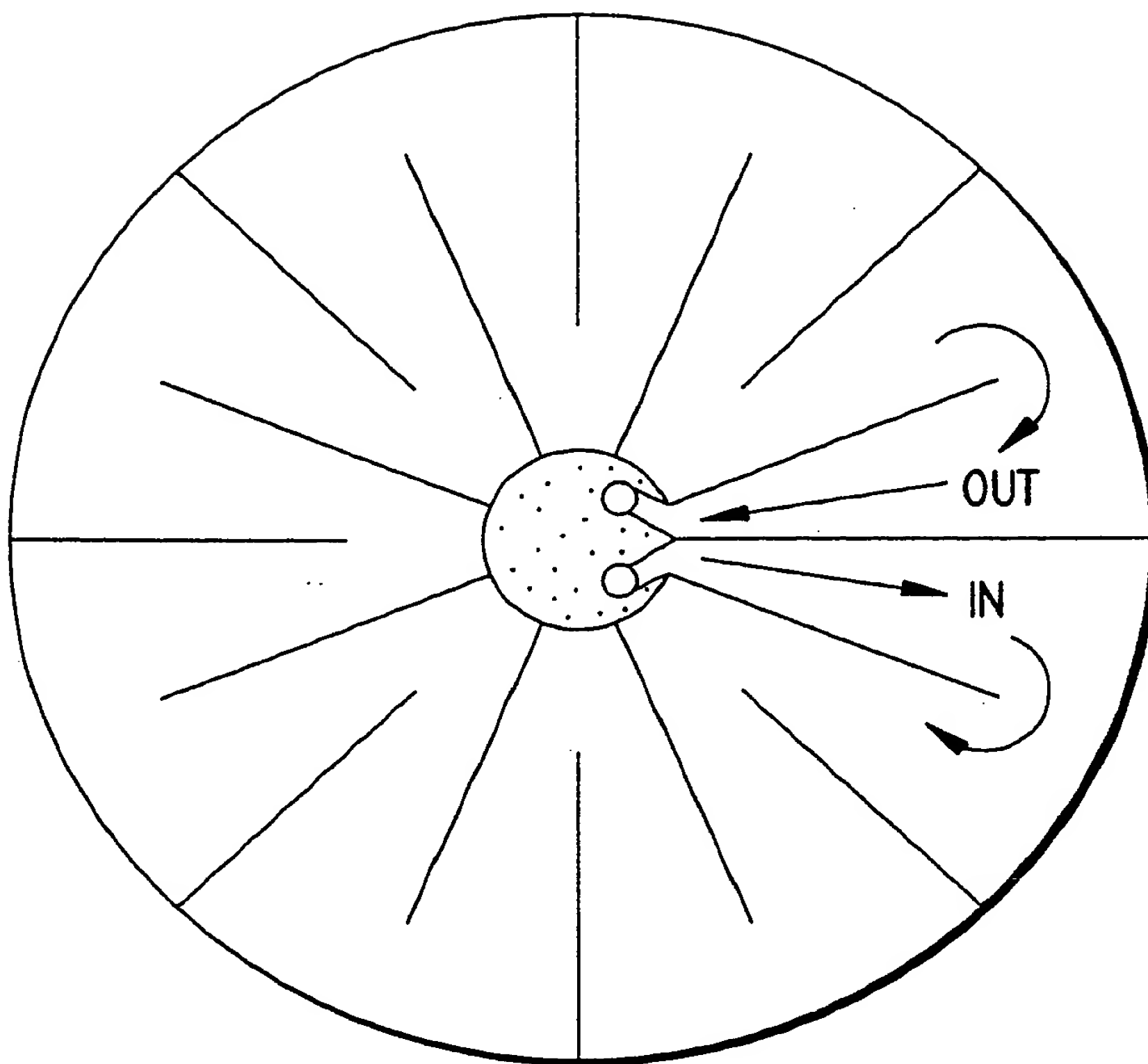


FIG.11E

2025 RELEASE UNDER E.O. 14176

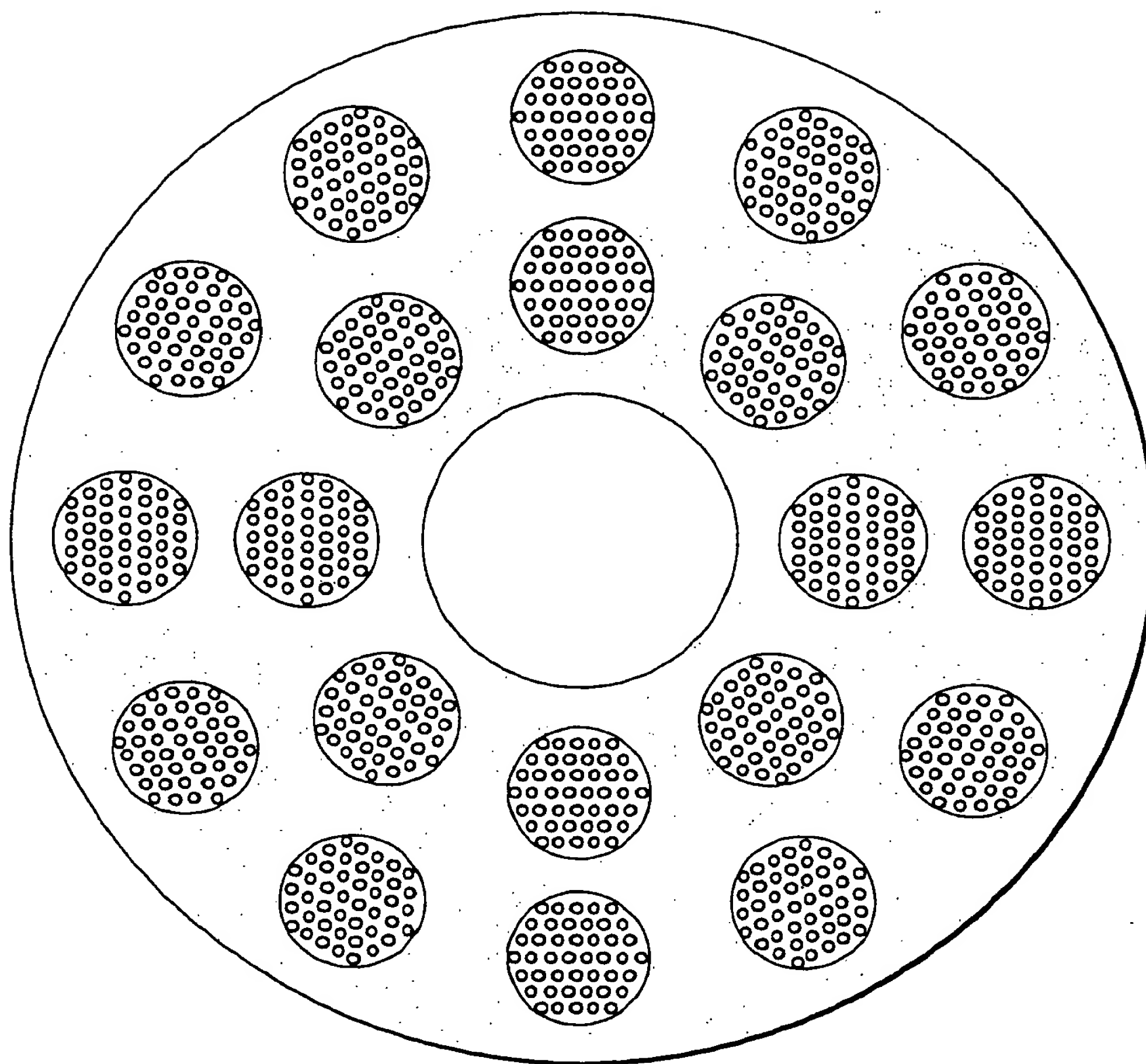


FIG. 11F

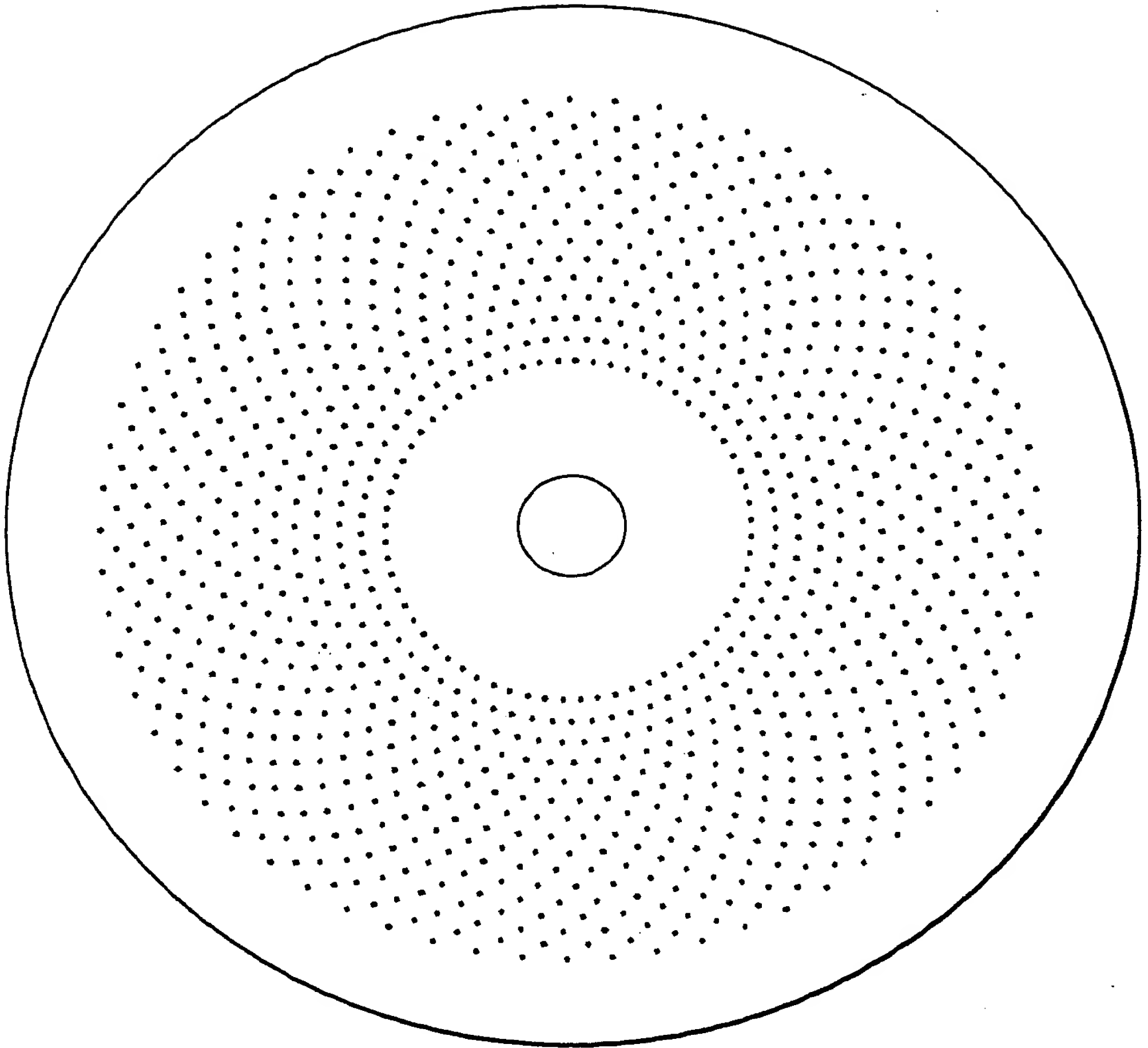


FIG.11G

FIG. 11G

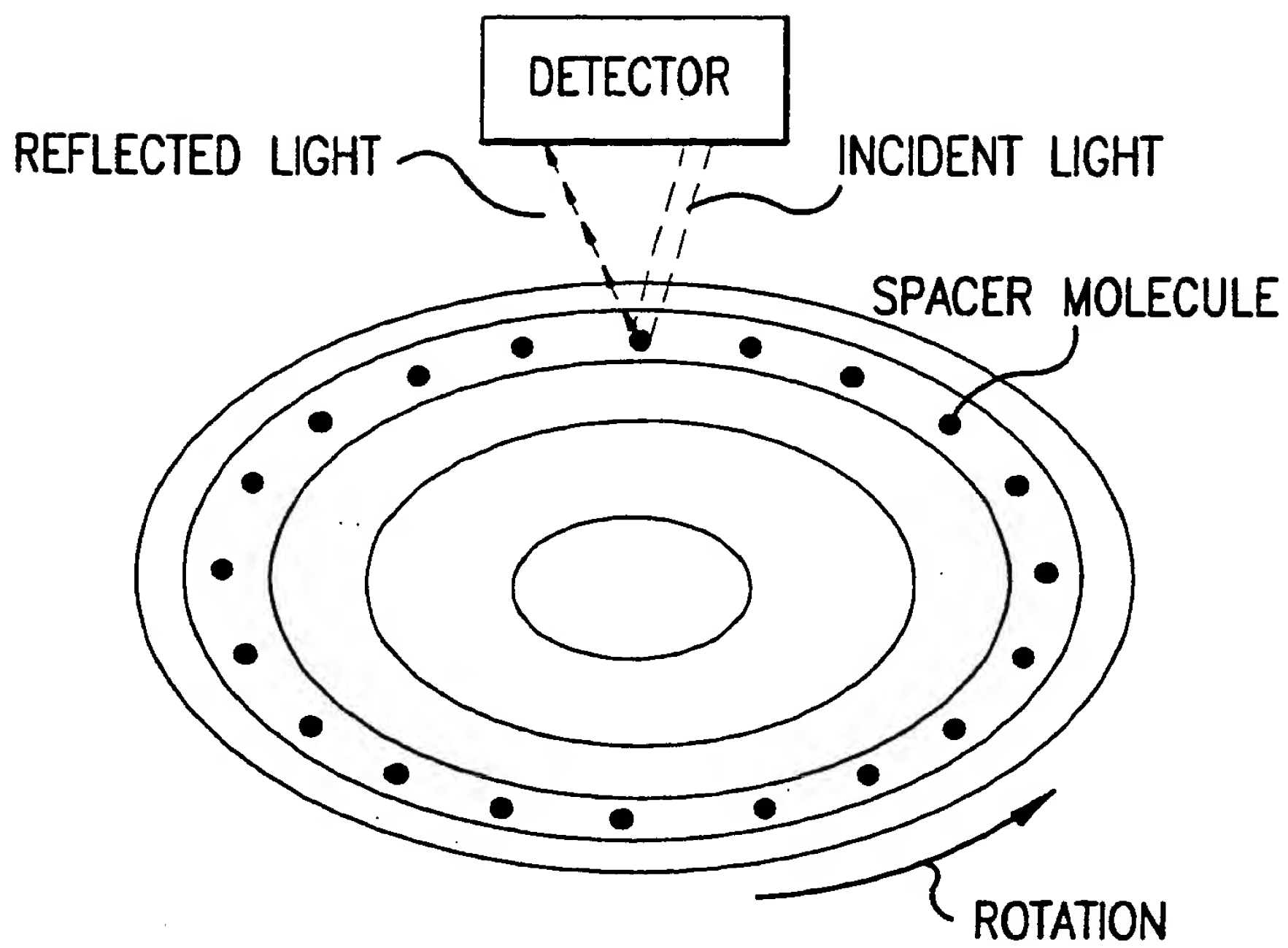


FIG.12

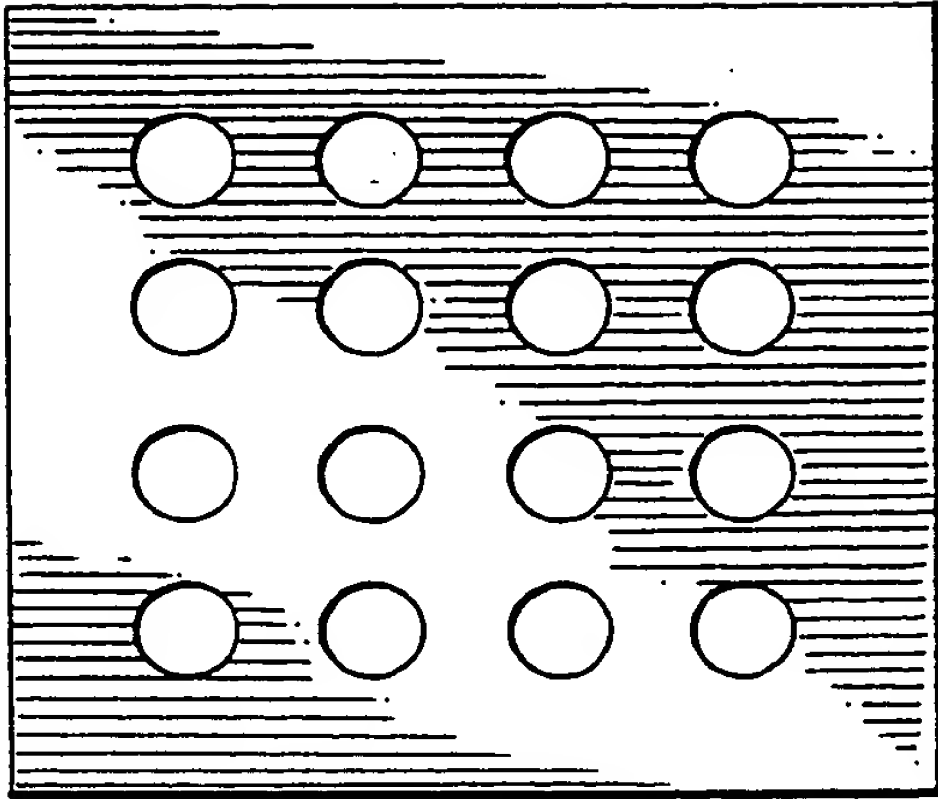


FIG. 13A

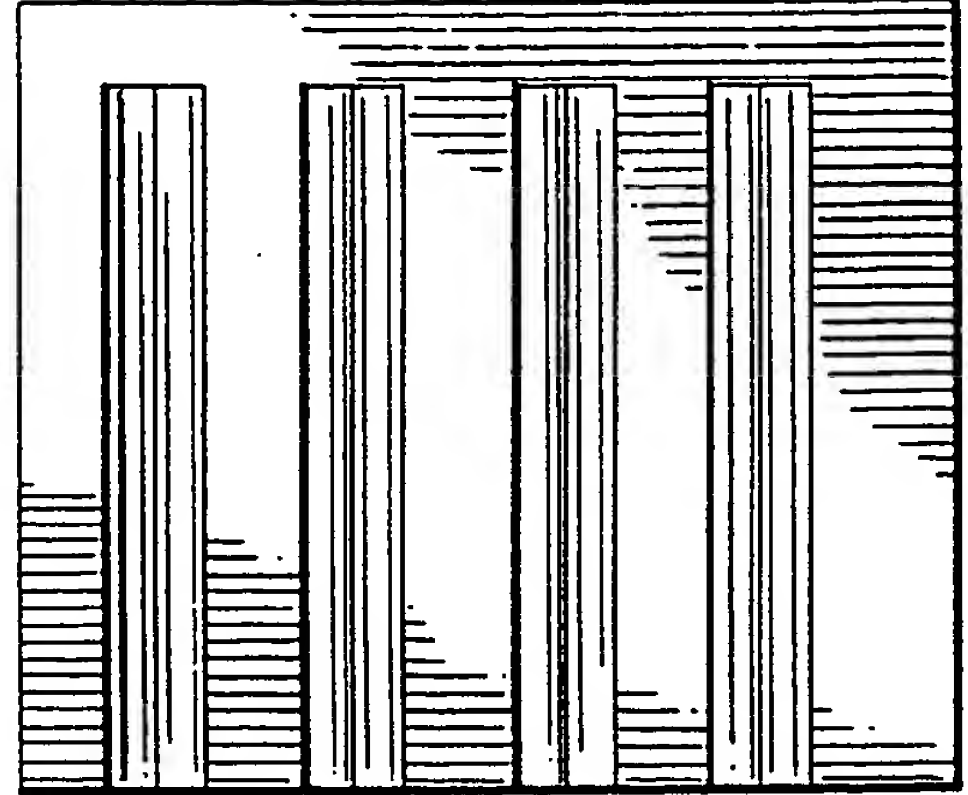


FIG. 13C



FIG. 13B



FIG. 13D

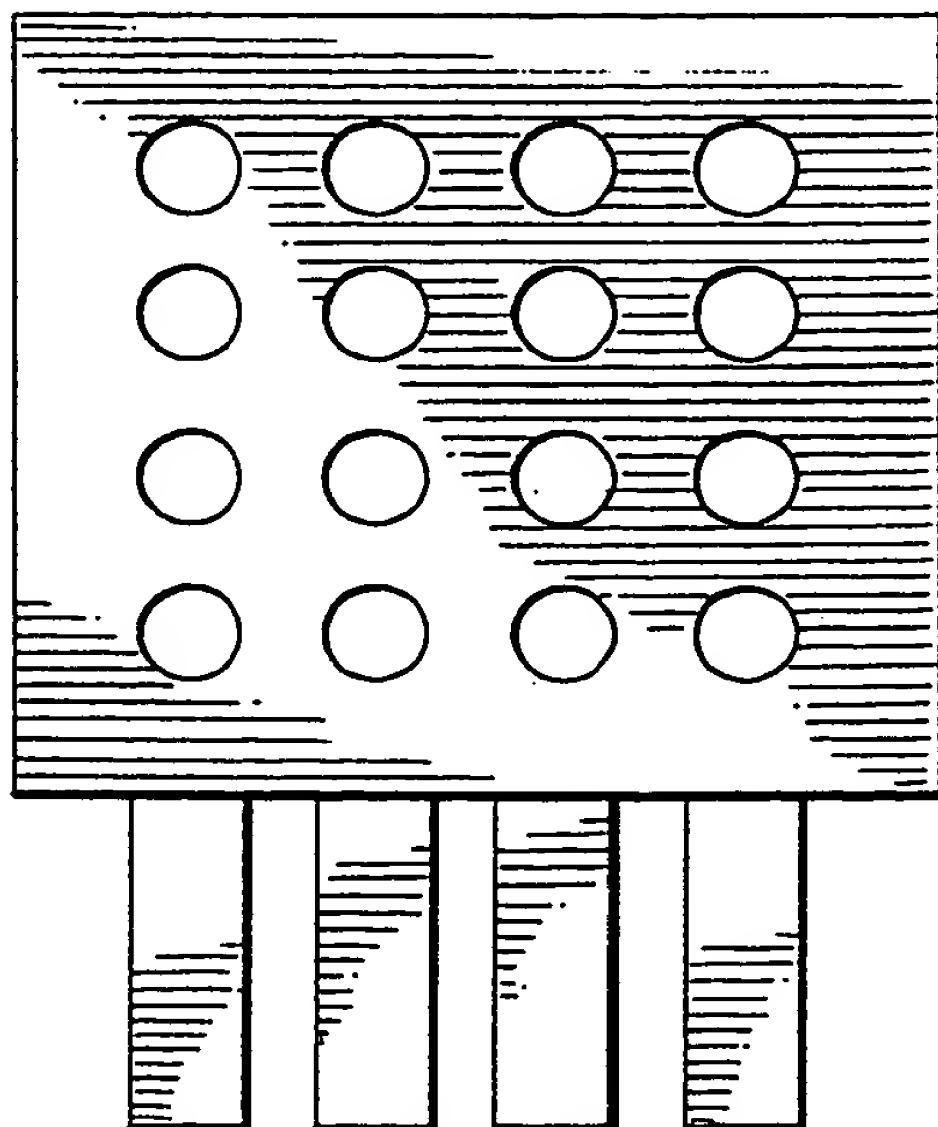


FIG. 13E

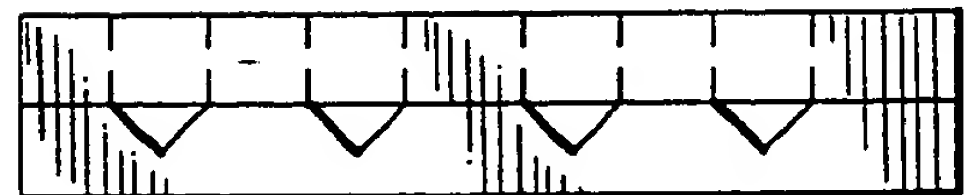


FIG. 13F

FIG. 13A

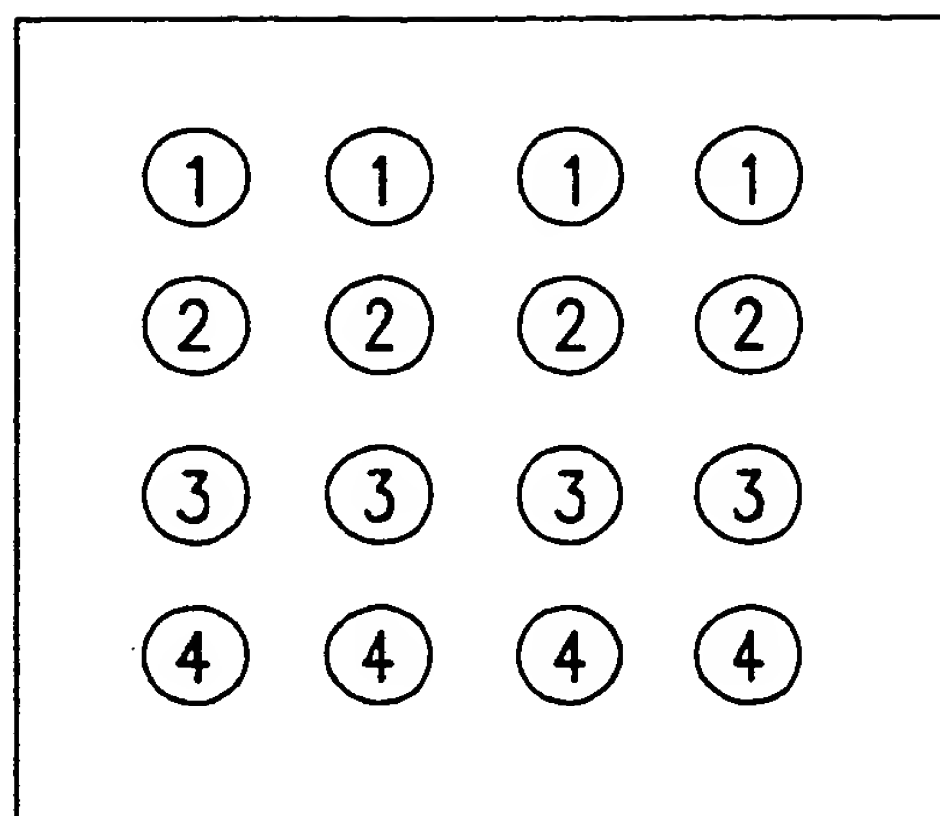


FIG.14A

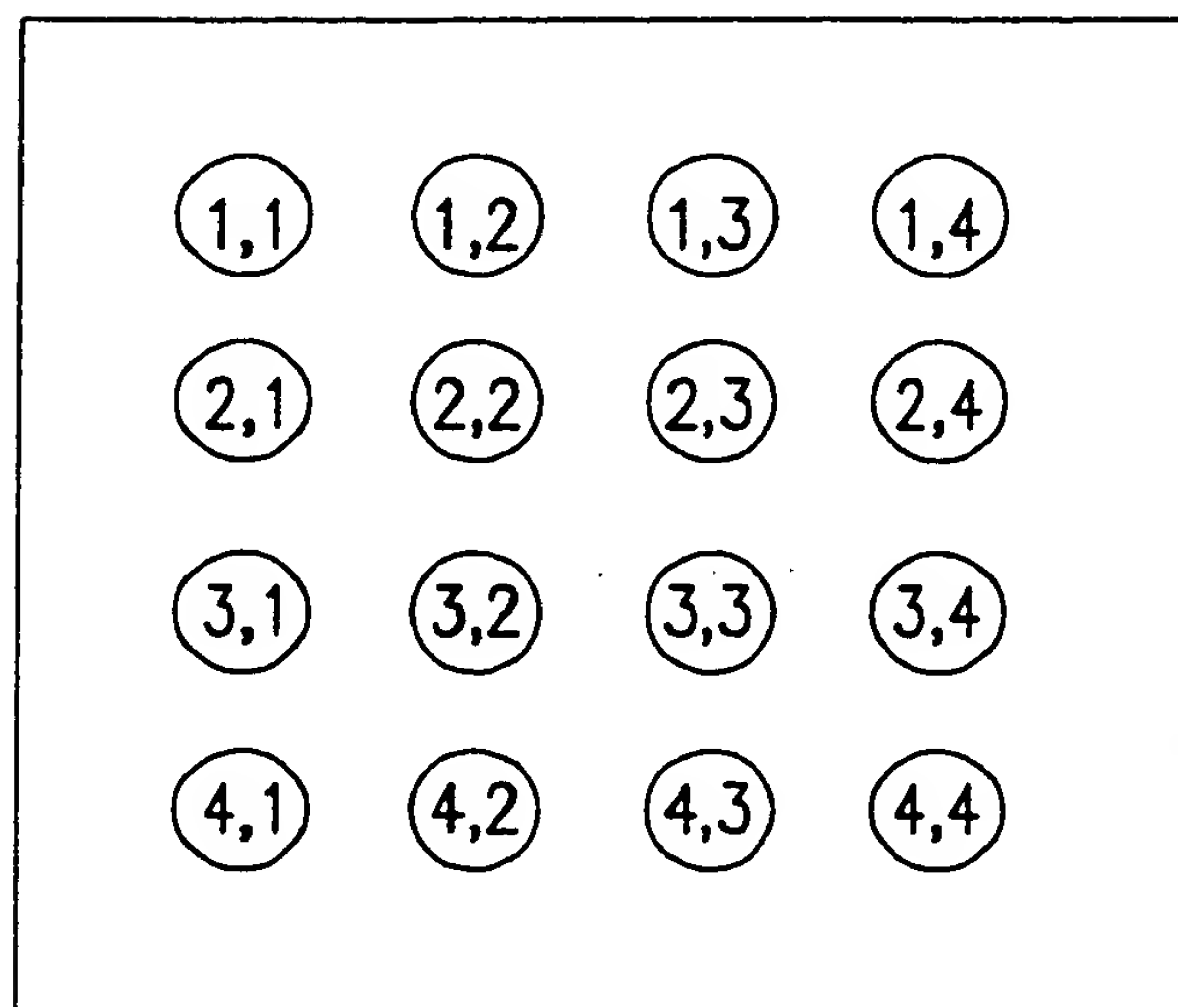


FIG.14B

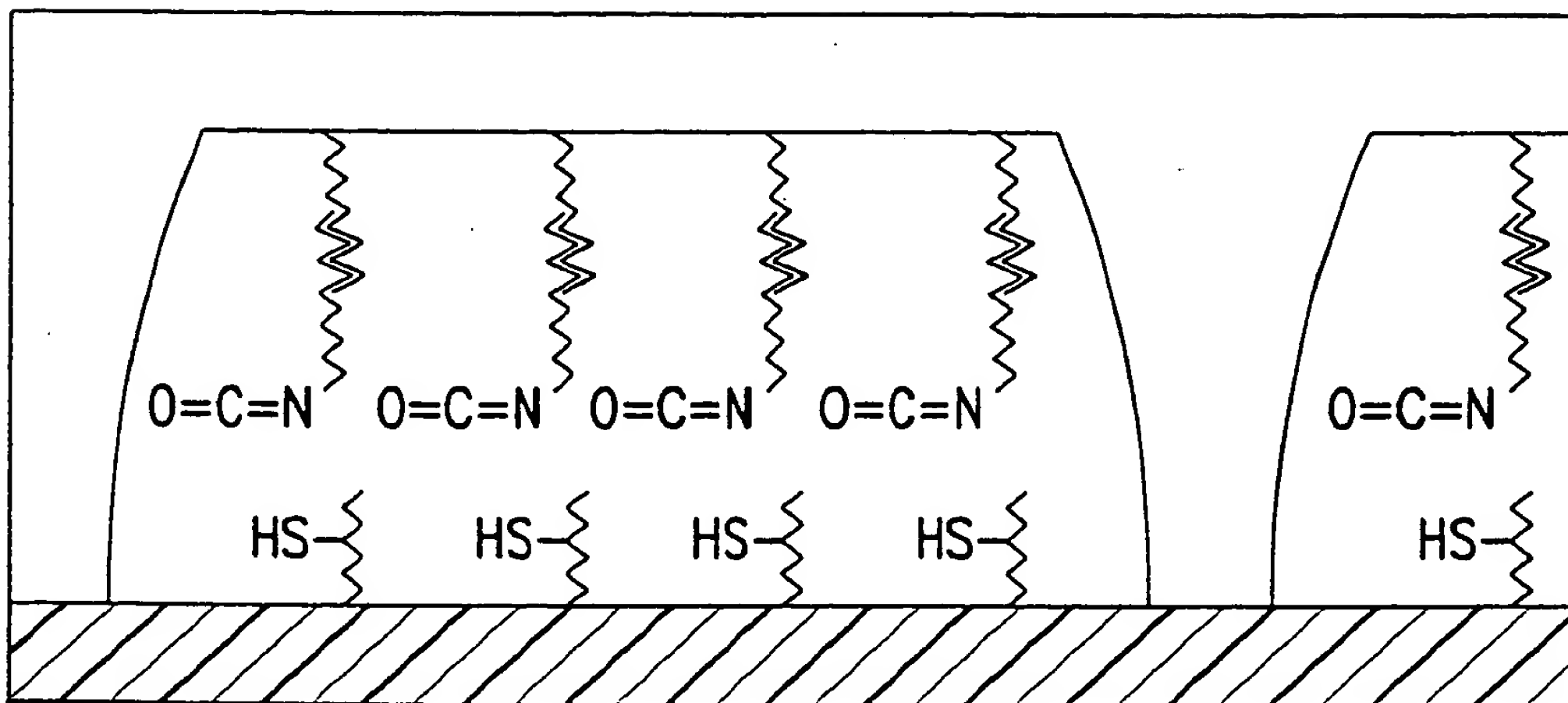


FIG.15A

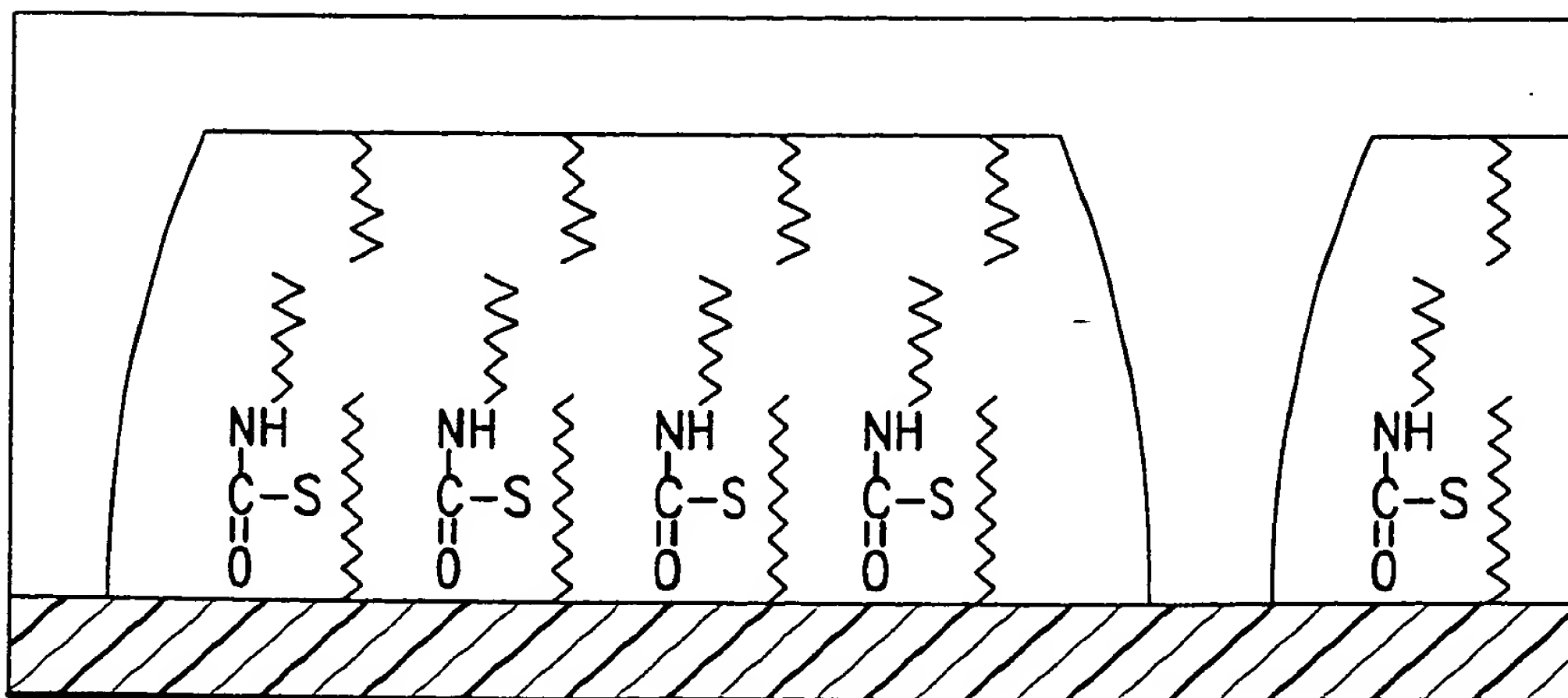


FIG.15B

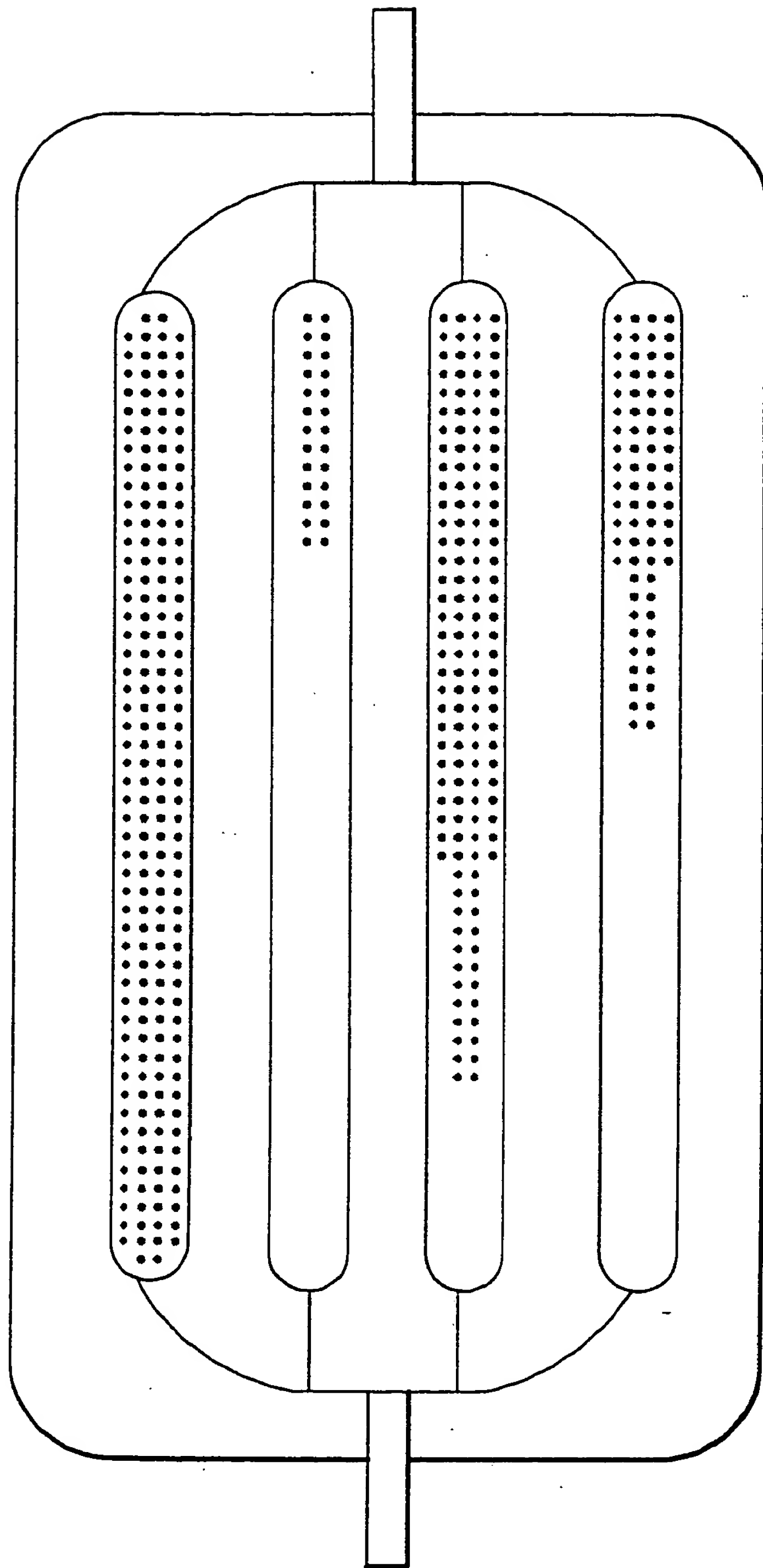


FIG.16

FIG. 16 is a top view of the device.



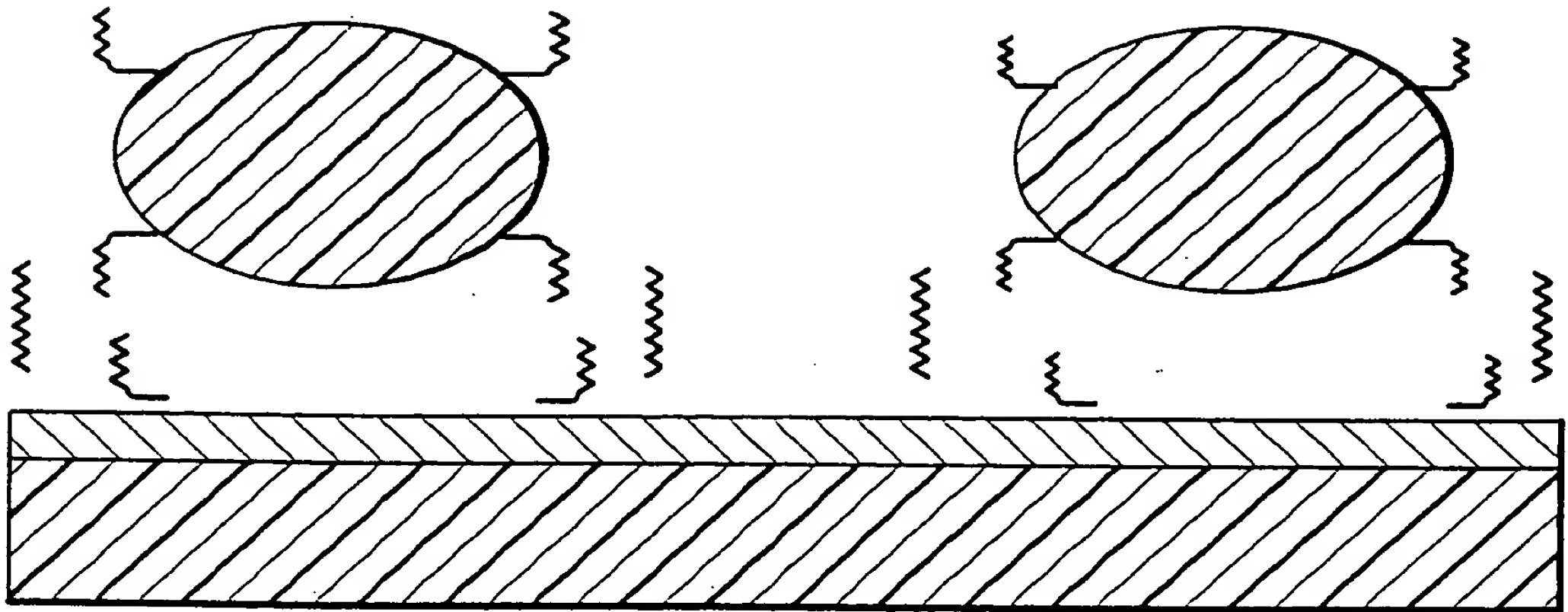


FIG. 17A

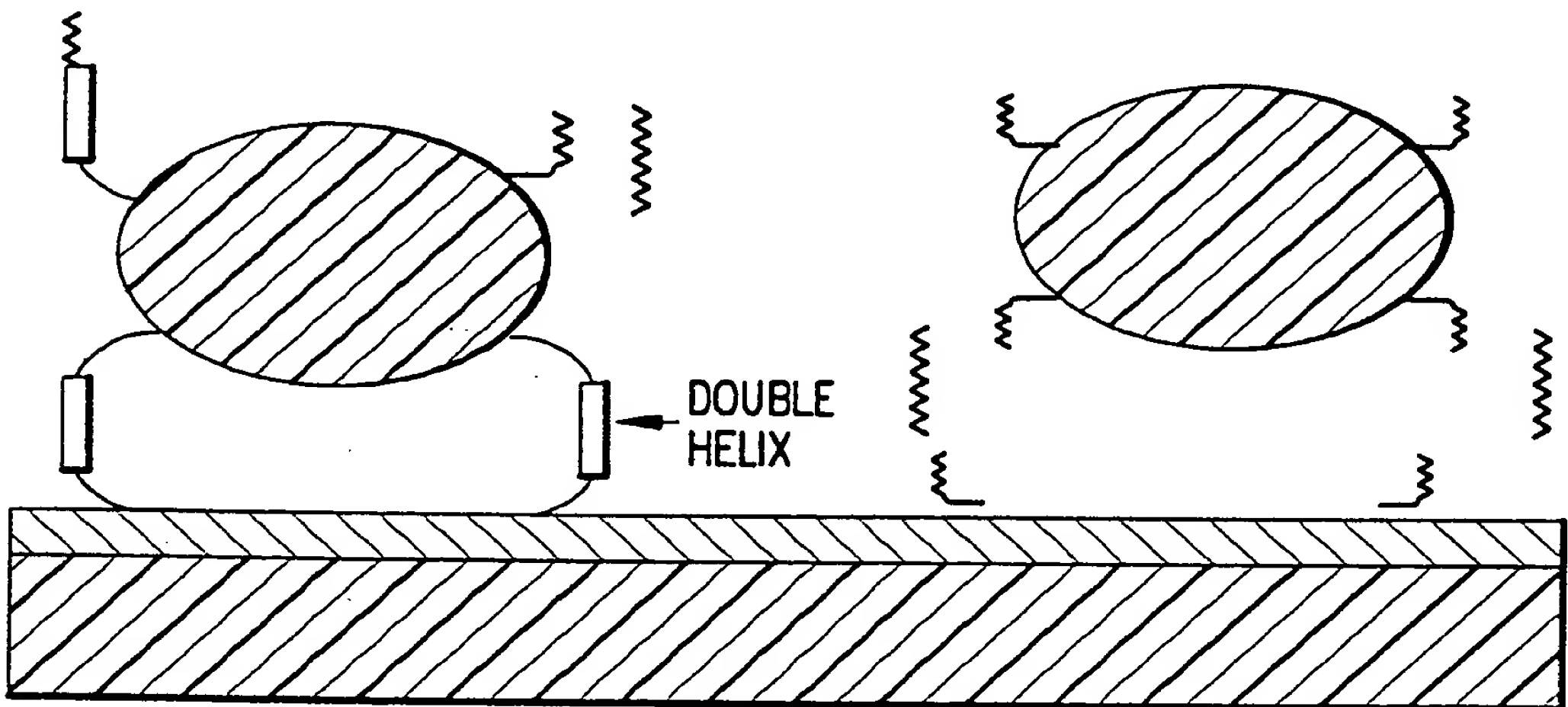


FIG. 17B

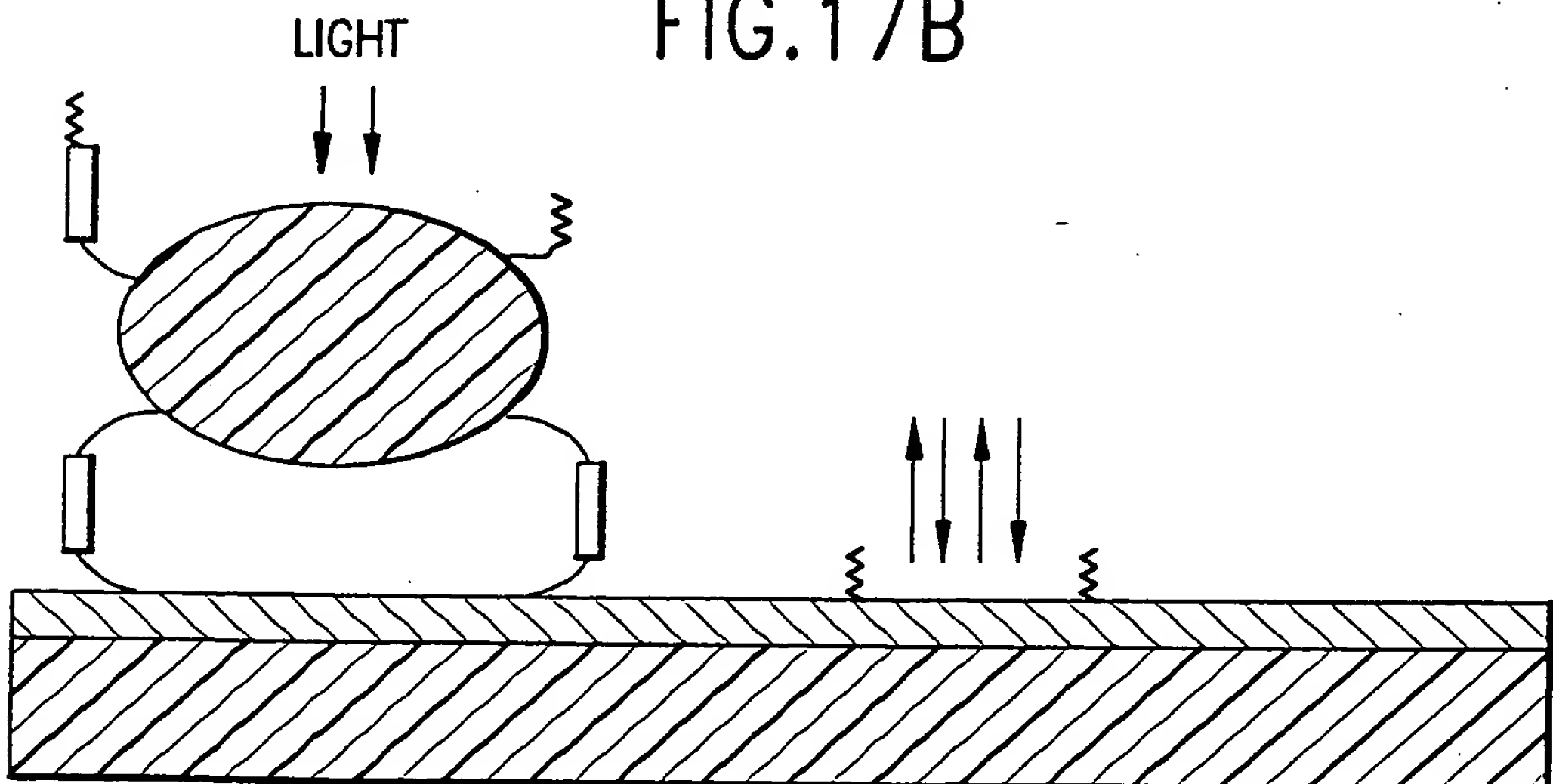


FIG. 17C

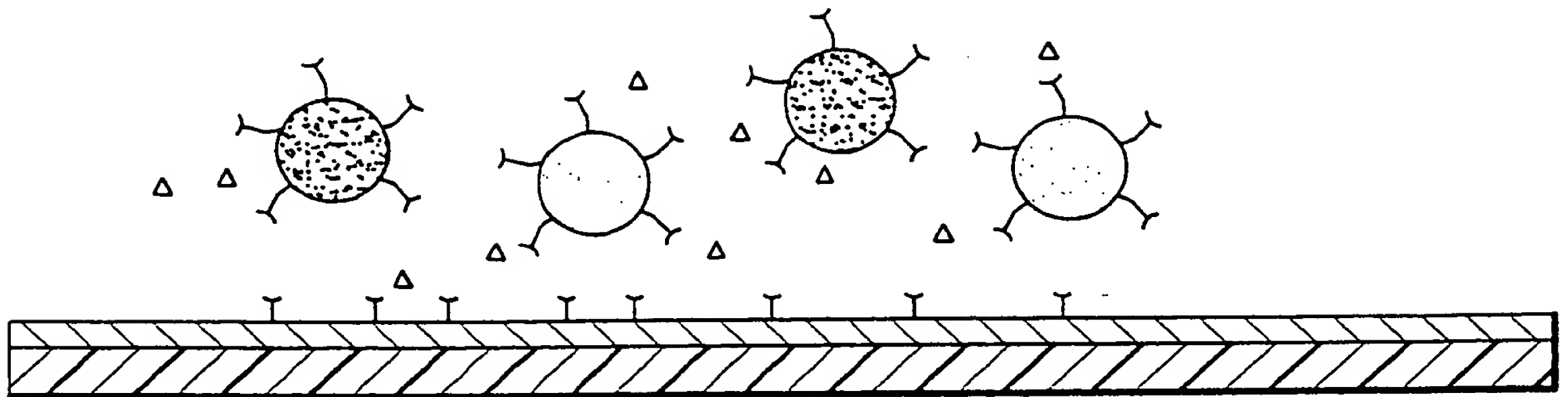


FIG.18A

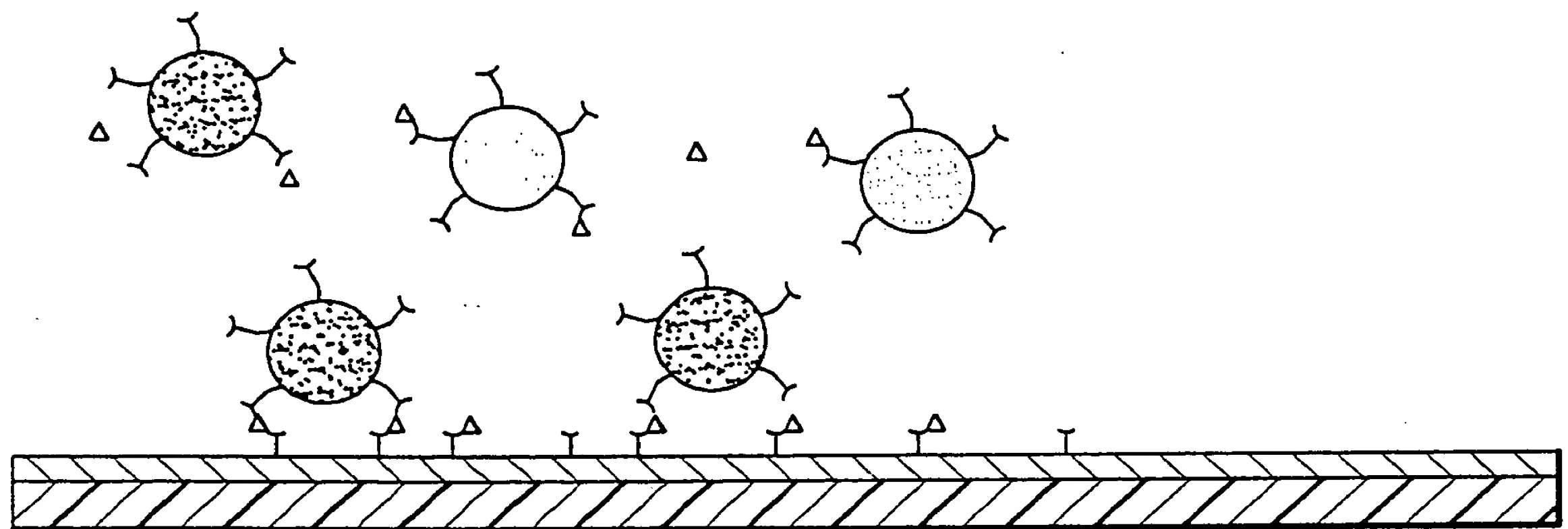


FIG.18B

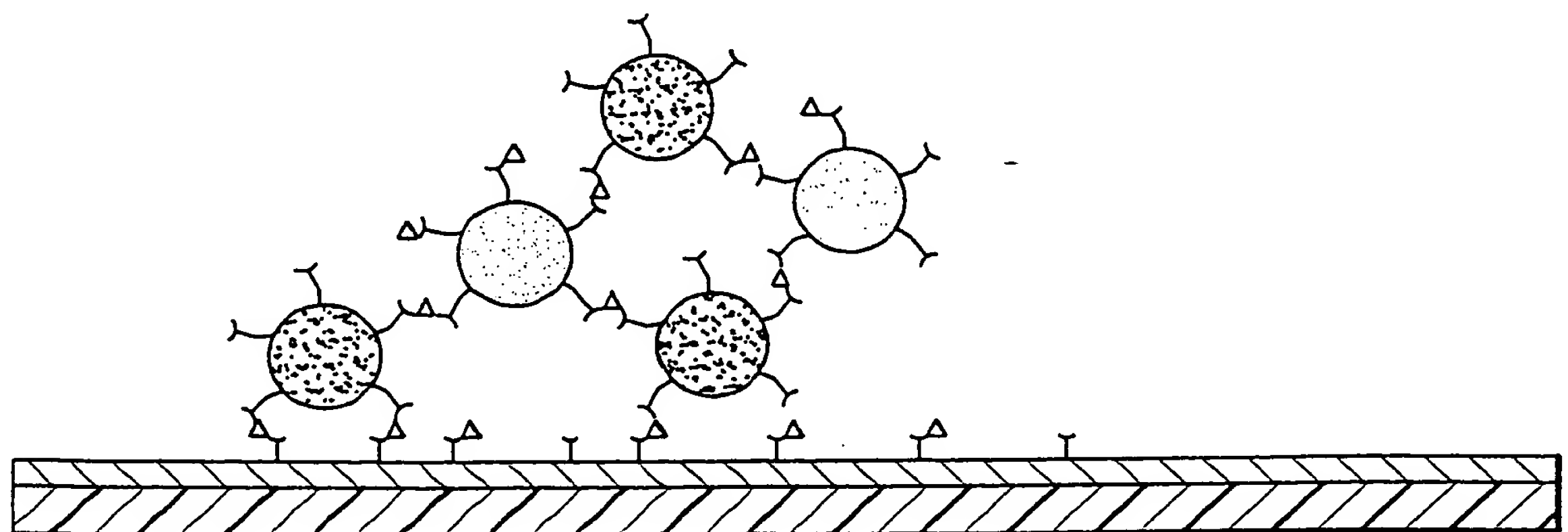


FIG.18C